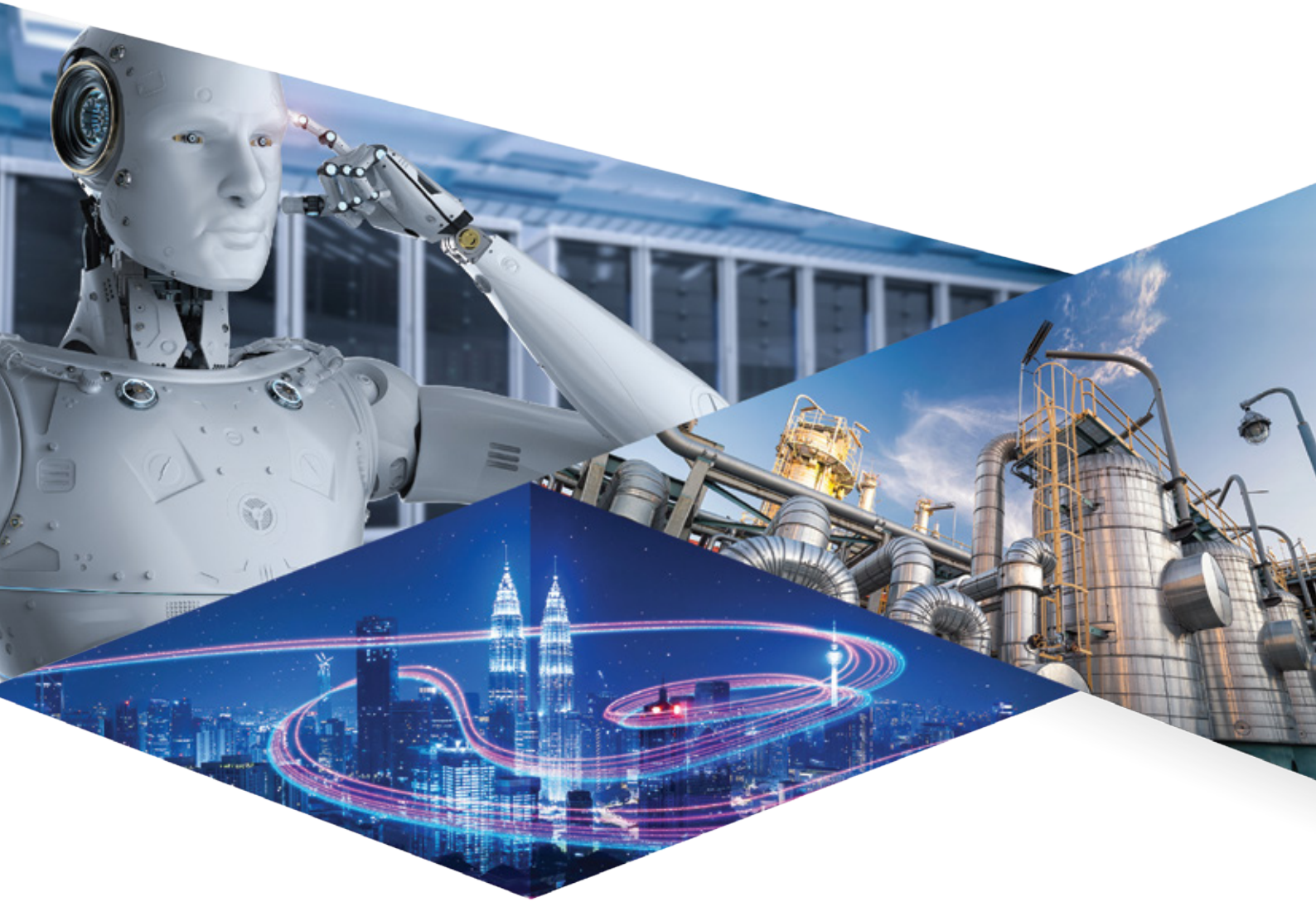




2025

Company Profile



"Professional Electric & Electronic Engineering"

Production
at world
standards



· Production



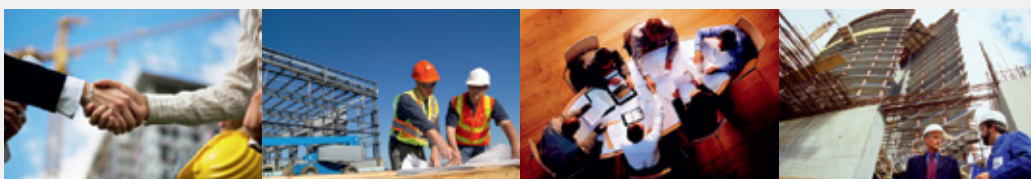
Innovative,
research-oriented,
entrepreneurial

· R&D

Engineering,
experience,
innovation



· Engineering & Design



Right solution,
professional team,
happy customer

· Project

smart solutions

About Us

With over 25 years of business experience, NOKTA Elektronik ve Bilişim Sistemleri is one of the leading companies operating in the electronics and information technologies sector. With its wide range of products and ongoing production activities, the company has consistently maintained a dynamic position in the market. It acts as a distributor of the world's leading global brands in the sector. In addition to the Turkish market, it continues to provide project services, product supply, and technical support across the Middle East, Turkic Republics, and Balkan countries.

Headquartered in Istanbul, our company operates through Project & Sales Offices located in Istanbul and Ankara. Furthermore, by carrying out R&D activities at its production facilities in Izmir and Ankara, NOKTA offers project-oriented solutions tailored to various needs.

As a company, our principle is to lead in quality and innovation in accordance with international standards, ensuring that the products we bring to the market meet the highest standards through collaboration with globally recognized certification bodies such as ISO, 3P, ETL, and CE.

Why NOKTA Elektronik?
If the goal is to choose the right partner...

NOKTA Elektronik guarantees that, starting from the initial meetings with your organization and throughout the stages of site exploration, product selection, and project design, you will be provided with the most suitable and cost-effective systems tailored to your current and future needs.

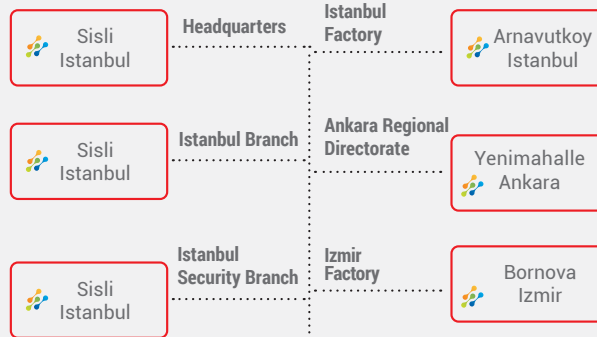
Our team consists of experts in their fields, who prioritize customer satisfaction and maintain the highest level of service quality.

At NOKTA Elektronik, we ensure that our employees' knowledge and skills are continuously updated through trainings and seminars provided by our company, in line with evolving technologies and changing industry requirements. The proven success of our engineers, backed by international and domestic references, sets us apart, making working with us a true advantage.

Following our on-site exploration services, NOKTA Elektronik provides full support to its customers at every stage:

Pre-Project Consultation and Information
System Selection, Project Design and Proposal
Sales and System Installation
After-Sales Consultation and Service

Best regards,
NOKTA Elektronik ve Bilişim Sistemleri



Why US?

Nokta Elektronik ve Bilişim Sistemleri has been the official distributor in Turkey for many globally recognized brands in the IT world for many years, including Dahua, Amphenol, Planet, EdgcorE, ORing Industrial, Ignitenet, Netally, Inno Instrument, Miller, ATC, and Goldtool. In addition to these, the company also offers products from Fluke Networks, Delta, and Benton. Providing end-to-end solutions in various fields such as active and passive network systems, audio and video technologies, RF communication products, medical solutions, security solutions, industrial communication systems, testing and termination equipment, hand tools, and power adapters, Nokta Elektronik continues to be a trusted and leading partner in the industry.



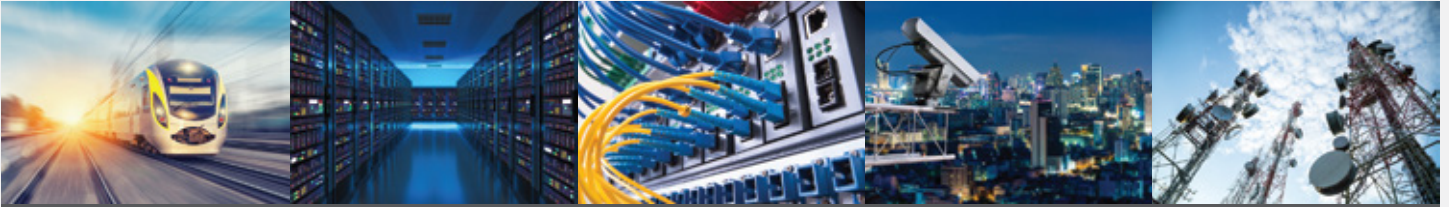
Headquartered in Istanbul, our company provides services through its Project & Sales Offices located in Istanbul and Ankara. In addition, by carrying out R&D activities at its production facilities in Izmir and Ankara, it offers project-oriented solutions tailored to various needs.

CERTIFIED TO INTERNATIONAL STANDARDS

Our company collaborates with internationally recognized product certification organizations such as ISO, 3P, ETL, UL, CE, RoHS, CPR, TSE, and Fluke Test Reports, ensuring that all the structured cabling products we offer to the market are fully certified, comply with international standards, and are safe and reliable.

PATIENT AND STAFF CALL SOLUTIONS FOR HEALTHCARE FACILITIES

Our Atek-branded products, manufactured in-house, form a fast and reliable medical communication platform designed to support the working methods of patients and healthcare staff. Operating on a 24/7 system principle, it offers superior flexibility and seamless integration with multiple platforms.



Nokta Elektronik acts as a solution partner for both public and private institutions and organizations operating in a wide range of sectors, including hospitals, telecommunication and cloud solutions, educational institutions, campuses, factories and production facilities, public transportation services (such as metro, high-speed trains, buses, ships, metrobus, taxis, and minibuses), security solutions, penitentiary institutions, banks, hotels and accommodation facilities, terminals, airports, and many more.



With 25 world-renowned brands and 17 official distributorships, we offer millions of product codes along with economical, budget-friendly, and in-stock products ready for delivery.



A team of engineers and technical personnel, each specialized in their respective fields, is always ready to support your projects during and after sales.



Nationwide dealer support across Turkey to meet and address your products and needs anytime, anywhere.



Nokta Elektronik is a Turkish company established with 100% Turkish capital. ORingNetworking and upTech are registered trademarks of our company. Our brands are well-recognized nationwide, have been used in many major projects, and continue to be preferred in ongoing projects.



- Production at World Standards
- Innovative, Research-Oriented, Entrepreneurial
- Engineering, Experience, Innovation
- Right Solution, Professional Team, Happy Customer

Our Brands

Twenty-Five Global Brands
Official Distributor of Seventeen Brands in Turkey and the Middle East

Edge-core
NETWORKS

PLANET
Networking & Communication

ORing

IgniteNet

FLUKE
networks.

dahua
TECHNOLOGY

GEWISS

ORingNetworking
Cabling System Expert

iNNO
INSTRUMENT

ALESS
SMART CHARGE & SMART HOME

Amphenol
Audio

Amphenol RF
Global RF Solutions

Amphenol
Socapex

TFC Amphenol

upTech

atek

LG

ATC
ADVANCED
TECHNOLOGY

SEAGATE

NOYAF

GOLDTOOL
Your Longlife Tools Partner

MILLER

benton

**ICP
DAS**

DELTA



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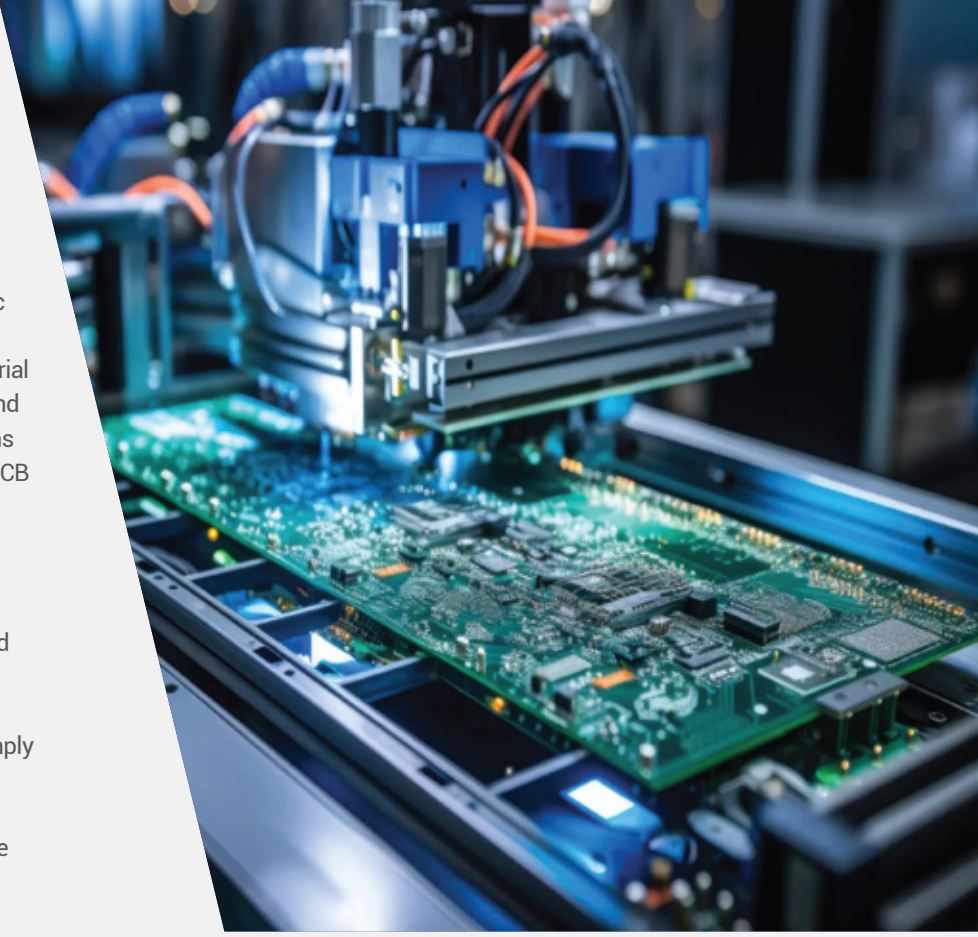
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Electronic Hardware, Software, Production, Assembly & Component Supply Solutions

Nokta Elektronik ve Bilişim Sistemleri offers PCB production, electronic card manufacturing, R&D, plastic injection, and molding services at its 3,000 m² indoor production facility located in the İzmir Pınarbaşı industrial zone. With a team of 50+ highly skilled professionals and a modern production infrastructure, we deliver solutions designed to international standards, from multi-layer PCB designs to complex system integrations.

Our expertise covers electronic design, PCB layout, mechanical CAD, and mechanical design, enabling us to provide high-quality, efficient, and customer-focused solutions in all areas we operate.

In our ESD-controlled production environment, we comply with international standards to ensure competitive and reliable manufacturing. By continuously updating and optimizing our existing infrastructure, we aim to provide our customers with high-quality, cost-effective, and efficient solutions at the highest level.



Project, R&D & Design Solutions

- Software Support
- Hardware Support
- PCB Layout
- SMD Conversion and Development Support
- PCB Design



Electronic PCB Production Support and Complementary Solutions

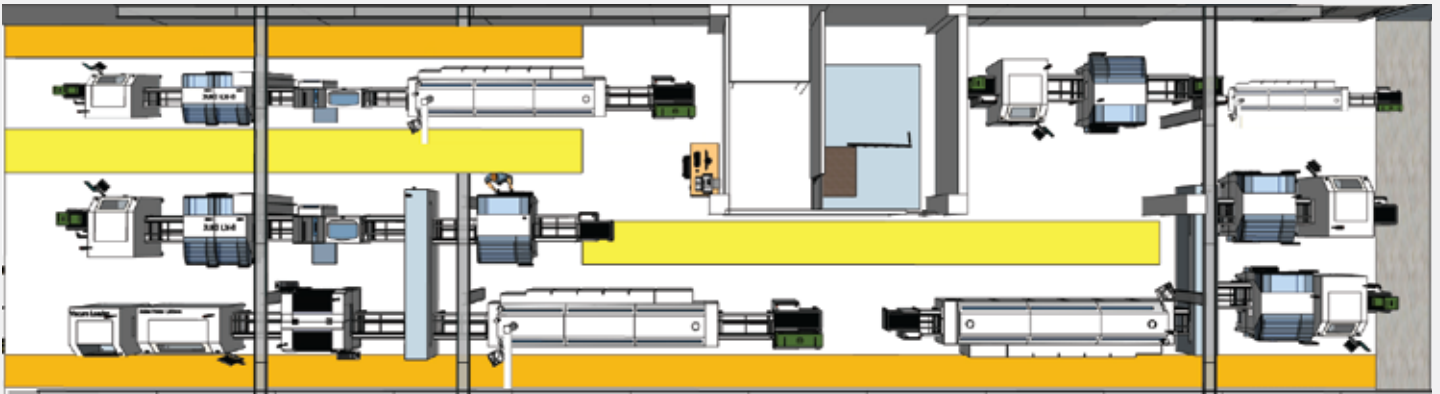
- Programming • Testing, Coating, Isolation & Protection
- Clean Room Environment • SMD Assembly
- THT Assembly • Mechanical Assembly • Packaging



Supply and Planning Production Solutions

- PCB
- Electronic Components
- SMD
- Warehousing
- Stock Planning

Our Production Line





Component Solutions

- Discrete Components
- Embedded Computers
- Integrated Circuits (ICs)
- Insulators
- LED / Optoelectronics
- Programmers, Development Systems
- RF, Wireless



Passive Solutions

- Capacitors
- Crystals, Oscillators
- Inductors, Coils, Reactors
- Potentiometers
- Variable Resistors
- Fixed Resistors
- Thermal Management



Electromechanical Solutions

- Audio
- Fans
- Industrial Controllers
- Motors, Solenoids, Drivers
- Relays
- Switches
- Connectors



Power & Circuit Protection Solutions

- Battery Products
- Circuit Protection
- Filters
- Line Protection
- Power Supplies
- Transformers

Our Solution Partners



Hemşire Çağrı Sistemleri

Since 2012, we have been manufacturing Atek-branded hospital call systems, which are approved by the Ministry of Health, including IP-based nurse call systems, analog nurse call systems, emergency code systems, consultant doctor call systems, reporting systems, and more. All R&D and production activities are carried out by our professional team.

Hospital call systems establish a communication and automation infrastructure between patients and healthcare personnel, enhancing the performance and quality of hospital services.



IP Nurse Call Solutions

- Ability to connect and control peripheral units
- Reporting system
- Emergency code call system
- Doctor consultant call system
- Paging system integration
- Integration with hospital information systems
- Proximity card reader support (Mifare / proximity)



Room Control Panel Solutions

- 4.3" and 5" touch screen options
- Mifare / Proximity (RFID card reader)
- 5000 personnel ID + 250 events memory capacity
- RS232, USB, Mini USB, Relay Wiegand
- 10/1000 Mbps Ethernet
- 12V / 1000 mA power supply
- Color options available



In-Room Unit Solutions

- Bedside call button
- Bathroom and WC emergency call unit
- Lamp control module
- Call cancellation button
- Connection for corridor warning lamp
- Allows monitoring of calls from rooms and bathrooms and transfers information to corridor lamps



Nurse Call Panel Solutions

- Displays nurse call notifications from patient rooms on the service desk
- Indicates emergency situations
- 17" and 19" touch screen options
- Stylish and ergonomic structure
- Can be installed at nurses' desks and service points

IP Nurse Call Solutions



The Atek IP-based nurse call system consists of a system server, nurse call panel, emergency consultation panel, room control panel, bedside call reset units, patient handsets, WC/Bathroom pull cord units, and overdoor warning lamps. All call types made from rooms can be monitored via the nurse call panel at the nurse desk, as well as through integrated devices such as DECT phones or call terminals.

Being a fully TCP/IP-based system, it can be managed from any authorized device on the network. In the event of a malfunction, the system automatically sends real-time fault notifications to the relevant technical units. It also integrates seamlessly with multiple hospital systems such as HBYS, DECT, PAGER, and telephone switchboards.



Overdoor Warning Lamp Solutions

- Red, green, and blue lights clearly indicate patient call status in corridors, positioned above room doors or bedhead units to provide clear visual alerts to nurses and staff.



System Integration Solutions

- Hospital Information Management System (HBYS – SOAP 1.1)
- Lighting automation (OPC)
- Paging system integration
- Full integration with PBX/IP PBX systems



Pager Solutions

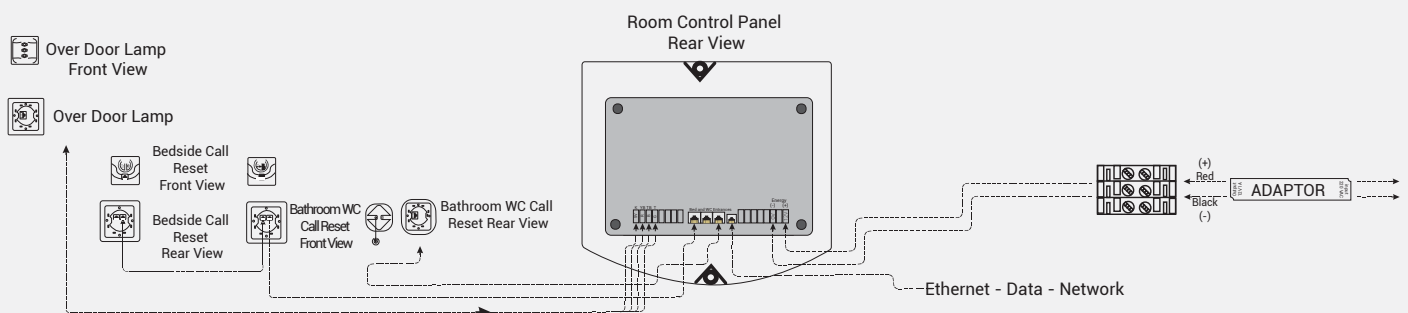
- Silent vibrating nurse call alert system
- 8-line wide LCD display
- Ergonomic and stylish design
- Supports Turkish language
- Durable enclosure
- Delivered with charging unit and adapter
- CE certified



Analog Nurse Call Solutions

- Ability to display up to 6 calls simultaneously
- Time and room temperature display
- Different alert tones for different call types
- Digital display showing active calls
- Supports up to 48 addressable points
- Can be monitored via dedicated PC software, allowing archiving and reporting.

Nurse Call System Cabling Structure



Central Clock System Solutions

Central clock systems receive time information from the GPS antenna and synchronize all connected clocks to display the same time simultaneously. These systems can operate using either analog or digital clocks, both synchronized to the same source. Secondary clocks can be configured to work in both one-way and two-way communication modes.

Central clock systems are widely used in transportation, healthcare, education, aviation and defense, broadcasting, radio and telecom, network systems, financial services, and emergency operation centers, ensuring precise time synchronization across facilities.



Single-Sided Analog Clock Solutions

- Single-sided design
- NTP support
- TCP/IP 10/100 Mbps
- PoE IEEE 802.3af Class 3
- IP30 protection class
- Aluminum outer casing



Double-Sided Analog Clock Solutions

- Double-sided design
- NTP support
- TCP/IP 10/100 Mbps
- PoE IEEE 802.3af Class 3
- IP30 protection class
- Aluminum outer casing



Digital Clock Solutions

- NTP support
- TCP/IP 10/100 Mbps
- PoE IEEE 802.3af Class 3
- IP40 protection class
- Aluminum outer casing
- Stopwatch function

Analog & Digital Clock Solutions



- Analog clocks operate mechanically, while digital clocks rely entirely on electronic components.
- Analog clocks offer limited functionality, whereas digital clocks can be continuously developed and upgraded.
- Analog clocks are powered by internal batteries, while digital clocks can run on batteries but typically require a separate power supply.



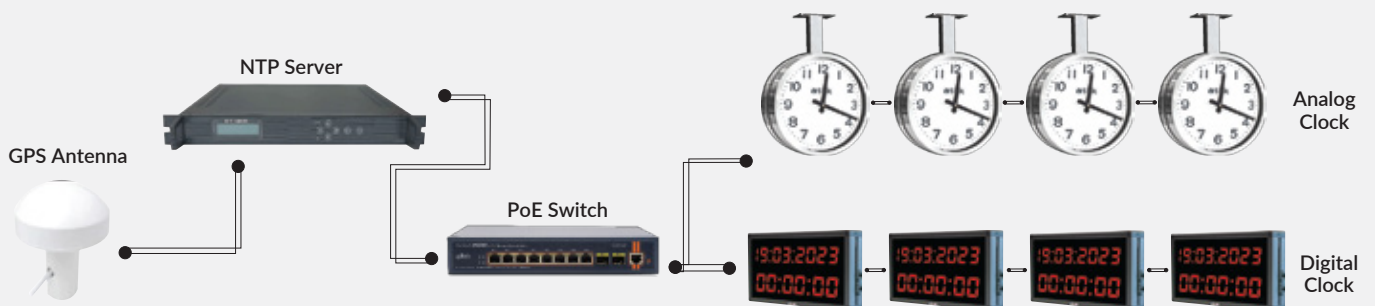
NTP Server Solutions

• NTP is the most commonly used open-source time synchronization solution. The ntpd (NTP daemon) runs as a background process, allowing your network to synchronize with the NTP server, learning and continuously tracking the server's drift over time to maintain precise synchronization.



Central clock systems are used in a wide range of applications and industries, including healthcare, education, aviation and defense, broadcasting, radio and telecommunications, network systems, financial services, emergency operations, and call centers.

Atek Central Clock System Applications

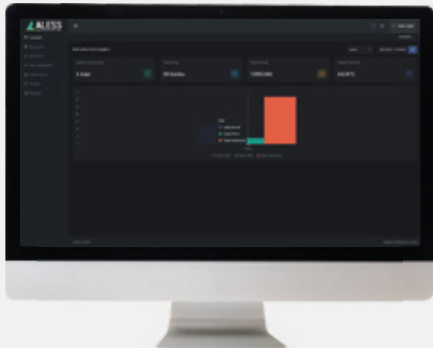


Electric Vehicle Charging Application

The Aless Smart Electric Vehicle Charging Application is a sustainable and innovative solution designed specifically for EV owners, offering a user-friendly and efficient charging experience. This advanced application transforms your charging process into an eco-friendly and smart journey, providing a wide range of features.

Through the app, users can access a map with station information, socket details, usage data, process menus, payment status, security settings, and user management reports.

With the Aless Smart EV Charging Application, charging your vehicle has never been easier. Take one more step towards sustainable transportation, optimize your energy usage, and enjoy a safe and responsive driving experience. Download it free from the App Store or Google Play Store today and discover the convenience of smart charging.



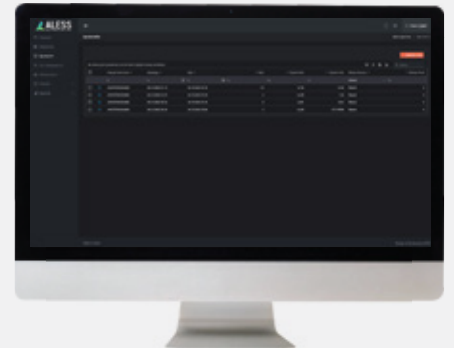
Dashboard

- Total number of sessions
- Total duration
- Total energy
- Total cost



Stations

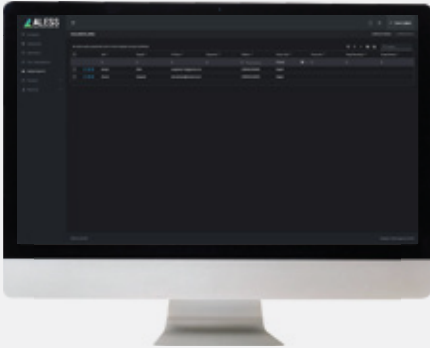
- View all stations on the map
- Access socket, tariff, and usage information when clicking on a station



My Transactions

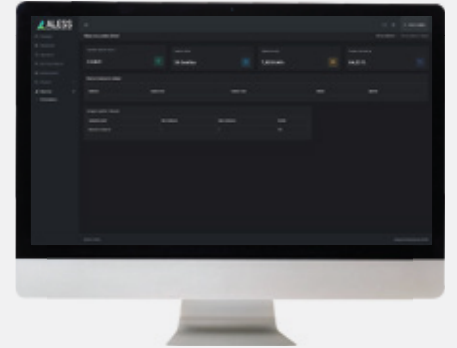
- A list of all charging sessions and details
- Start–end time, duration, total kWh, total cost, and payment status displayed clearly





My Users

- Displays registered user information such as name, surname, e-mail, password, and phone number
- Ability to view or update registration details for each user
- Individual Package: single user with limited access
- Plus Package: minimum of 5 users with extended access



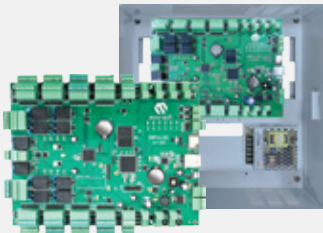
Reports

- Access company usage reports including total session count, duration, total energy, and total cost



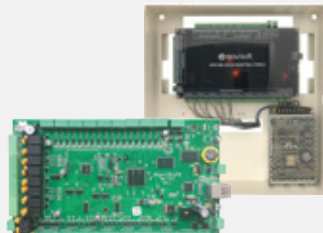
Access Control and Building Management Systems

Access control is one of the most important components of physical security systems. By managing personal access control, it enables facilities to monitor and restrict who can enter certain areas, ensuring security for people, property, and assets. In commercial, industrial, educational, and various other facilities, access control systems are designed to meet diverse needs. They must be reliable, easily scalable, centrally manageable, and compliant with international standards. Integration with other systems such as fire alarms, CCTV, intercom, HVAC, and hospital information systems (HBYS) is a key factor in modern building security. For flexible and advanced system integration, solutions should support standard protocols (OSDP, Wiegand, Modbus, API, SDK, Web API, etc.) and offer powerful integration capabilities.



OSDP Access Control Panels

- 20–40 door control capacity
- 500K users, 2M event log memory
- 2048 groups, 256 time zones
- Fast Ethernet, 4RS-485, OSDP V2.2
- Wiegand reader, button, and sensor inputs
- Door relay and alarm relay outputs



Wiegand Access Control Panels

- 24–8 door control capacity
- 100K users, 150K logs
- 2048 groups, 256 time zones
- Fast Ethernet, 2 standard RS-485, OSDP V2.2
- Wiegand reader, button, and sensor inputs
- Door relay and alarm relay outputs



Wiegand/OSDP Card Readers

- 125 KHz and 13.56 MHz
- Supports Wiegand 26–34, OSDP V2.2
- Tamper protection
- High voltage protection
- IP65 protection rating



Access Control and Building Management Software

- Access control, elevator management, visitor & parking modules
- Integration with CCTV, Fire Alarm, HVAC, HBYS, Audio Systems
- Web-based, desktop, and mobile solutions

Access Control and Building Management Systems

- Elevator floor authorization systems
- Ticketing / stadium automation systems
- Parking management systems
- Guard tour control systems
- Prison emergency call systems
- Area control systems
- Mobile terminal integration
- Fire / alarm system integration
- CCTV system integration
- HBYS system integration





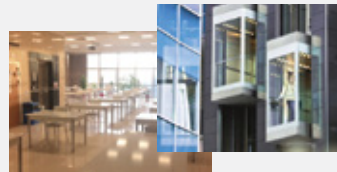
Fire Alarm and Voice Announcement Integration

- API and I/O-based integration
- Alarm management
- Zonal management
- Live monitoring and control
- Compatible with Dahua, Honeywell, LST, Cooper, and more



CCTV and VMS Integration

- Live image and video streaming, PTZ control
- API and I/O-based integration
- Alarm management
- Live monitoring and control
- Compatible with Dahua, Milestone, Seetec, Hikvision, Sikunet, and more



Elevator & Canteen Access Control Management

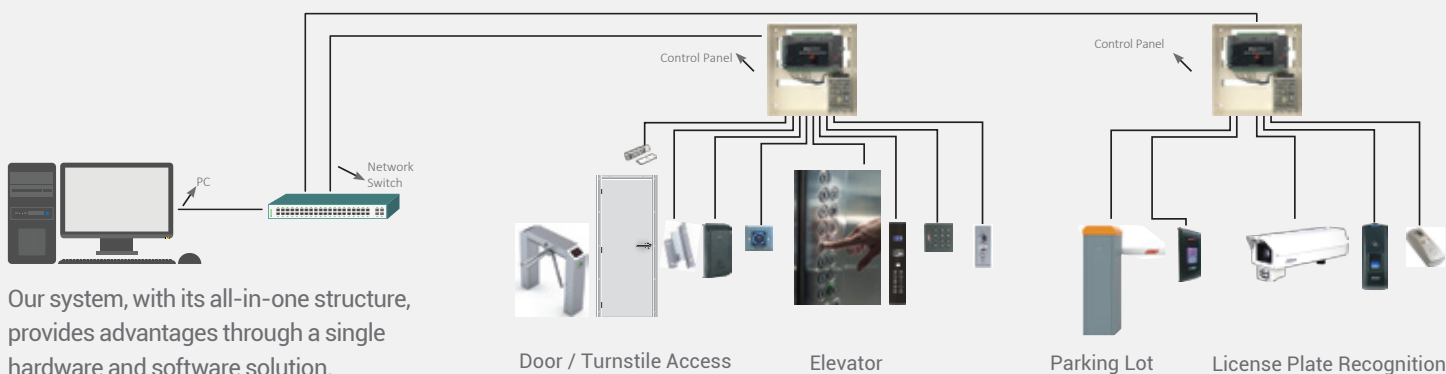
- Supports up to 256 card readers
- Group-based management
- Hospital color code support (Pink, Blue, White, and Green)
- Menu and control management
- Integration with HBYS
- User-based menu management
- Mobile management option



HBYS Integration

- Automatically imports daily personnel data (authorized, staff, guard, etc.) from HBYS systems
- Transfers access control information to panels
- Logs access activities in HBYS
- Supports API-based integration

All-in-One Management System Administration



RFID System Solutions

In hospitals, RFID systems are increasingly being used for tracking medical assets, healthcare personnel, elevators, waste, mother–baby matching, and operating room processes. RFID makes resource management easier, more traceable, and sustainable, allowing smooth integration into hospital workflows.

Active RFID is typically used for real-time applications such as medical equipment, mobile assets, and mother–baby matching, while passive RFID is preferred for simpler needs like laundry tracking and fixed asset management.

RFID systems play a critical role in various hospital processes including mother–baby tracking in operating rooms, waste management, and location tracking of equipment, offering integrated and reliable operation within the hospital environment.



RFID in Operating Rooms

- 2.4 GHz active tags
- Tracking of the right patient entering the right operating room
- Visual and audible alarm
- HIMS integration
(Hospital Information Management System)



Mother–Baby and Nurse Matching

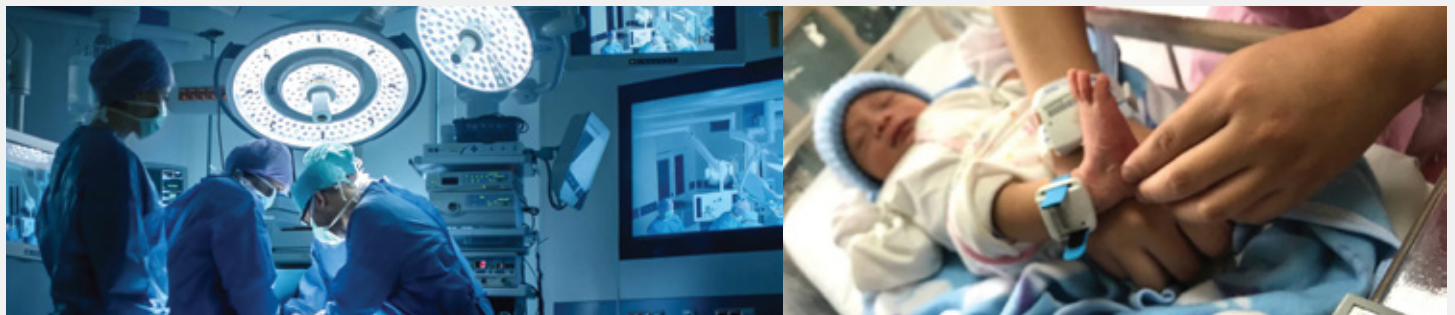
- 2.4 GHz active tags
- Tags mounted on waste trolleys
- Alarms triggered if waste is transported outside designated areas (including elevators)
- Visual and audible alarms
- Integration with HBYS



Domestic and Medical Waste Management

- 2.4 GHz active tags
- Tags mounted on waste trolleys
- Alarms triggered if waste is transported outside designated areas (including elevators)
- Visual and audible alarms
- Integration with HBYS

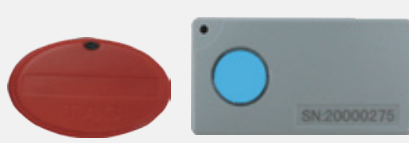
RFID System Solutions





Laundry Management

- Passive RFID tags and labels
- Tracking hospital textile products
- Monitoring dirty and clean textiles
- Inventory management
- Visual and audible alarms
- Integration with HBYS



Mobile Medical Asset Management

- 2.4 GHz active tags
- Real-time tracking of medical assets by department
- Location error alerts
- Instant inventory management
- Visual and audible alarms
- Integration with HBYS



UWB (Ultra Wide Band) High-Precision Tracking

UWB technology enables real-time indoor positioning of medical personnel and mobile devices with ± 20 cm accuracy, even in GPS-denied environments. Mobile devices equipped with UWB communicate with at least three UWB anchors to calculate and transmit their exact position to the server.

RFID System Solutions



Open Networking Solutions

Edge-Core is one of the leading companies in the Open Networking world. Its product portfolio offers solutions supporting speeds of up to 400 Gigabit per port, far beyond the traditional 1 Gigabit per port. Edge-Core has made its mark globally by increasing port speeds from 100G to 400G, setting new benchmarks in modern network infrastructure.

Combining advanced hardware with the principles of Open Networking, Edge-Core provides secure, scalable, and future-ready network solutions. As an OCP (Open Compute Project) Platinum Member and OCP Solution Provider, Edge-Core has solidified its position at the top of the Open Networking ecosystem.

400G Data Center Solutions

- 400G bare metal
 - 400G and 100G modular
- ToR architecture
 - Redundant power and fan

Large-scale data center networks are under constant pressure to deliver high capacity, performance, and speed. 400G Ethernet is a key technology driving the adoption of cloud-based applications and enabling the development of scalable infrastructure. Edge-Core introduced the first 400G Ethernet switch design in the OCP ecosystem, offering exceptional performance, low latency, and high efficiency in various form factors for modern data centers.



TELECOM INFRA PROJECT

Open Networking Software

400G				NETSCOUT		ipinfusion					
100G											
40G											
25G											
10G											
1G											



100G Switch Solutions

- 100G bare metal
- ToR architecture
- Redundant power and fan



40G Switch Solutions

- 40G bare metal
- ToR architecture
- Redundant power and fan



25G / 10G Switch Solutions

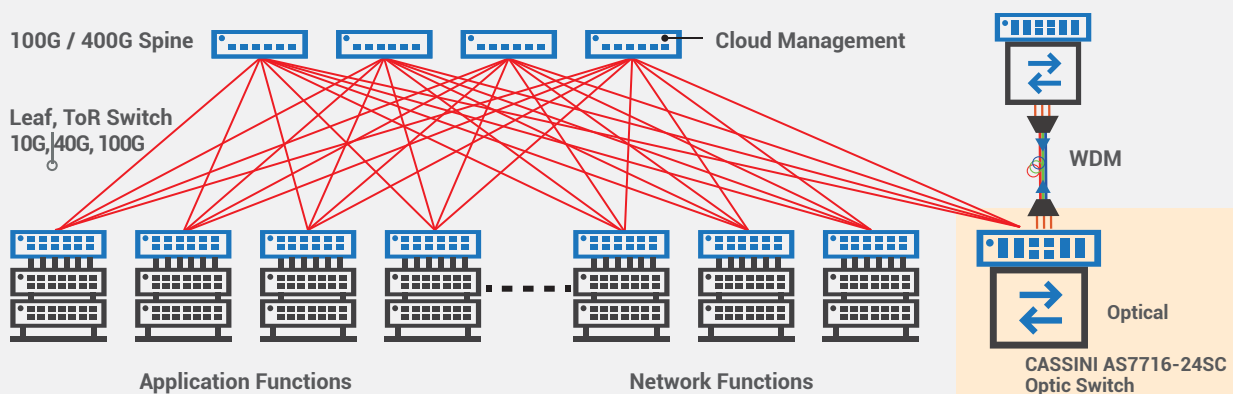
- 25G bare metal
- 10G bare metal
- 40G or 100G uplink
- ToR architecture
- Redundant power and fan



1G Switch Solutions

- 1G bare metal
- 10G / 20G uplink
- ToR architecture
- Redundant power and fan
- PoE/PoC support

Leaf-Spine Network Architecture



Enterprise Network Solutions

Edge-Core Networks, a subsidiary of Accton Technology Corporation, is one of the world's largest manufacturers of network hardware and software. Edge-Core provides wired and wireless network solutions for data centers, service providers, and enterprises of all sizes.

As a global leader in Open Networking, Edge-Core offers a full range of switch solutions supporting **1G, 10G, 25G, 40G, 50G, 100G, and 400G** speeds. With innovative features such as Wireless Access Points, Controllers, and Hotspot Solutions, Edge-Core delivers scalable, high-performance, and cost-effective network infrastructures to users worldwide.



L3 Switch Solutions

- 100G fiber backbone
- 1G/10G fiber/copper backbone
- 40G and 100G uplink support
- ToR and aggregation
- High PoE power
- Redundant power supply



L3/L2+ Switch Solutions

- 1G/10G fiber/copper backbone
- CSFP fiber backbone
- 1G/10G uplink support
- 10G and 40G uplink support
- PoE support
- Lite L3, L2+ support



L2/L2+ Industrial Switch Solutions

- -40 to +75 °C industrial design
- PoE support
- L3.Rip, static route support
- **Traffic shaping report**
- Lite L3, L2+ support



Web Smart Pro Switch Solutions

- 8/24/48 Gigabit edge ports
- 1G SFP uplink support
- PoE support
- Command line support



HEALTHCARE



DATA CENTER



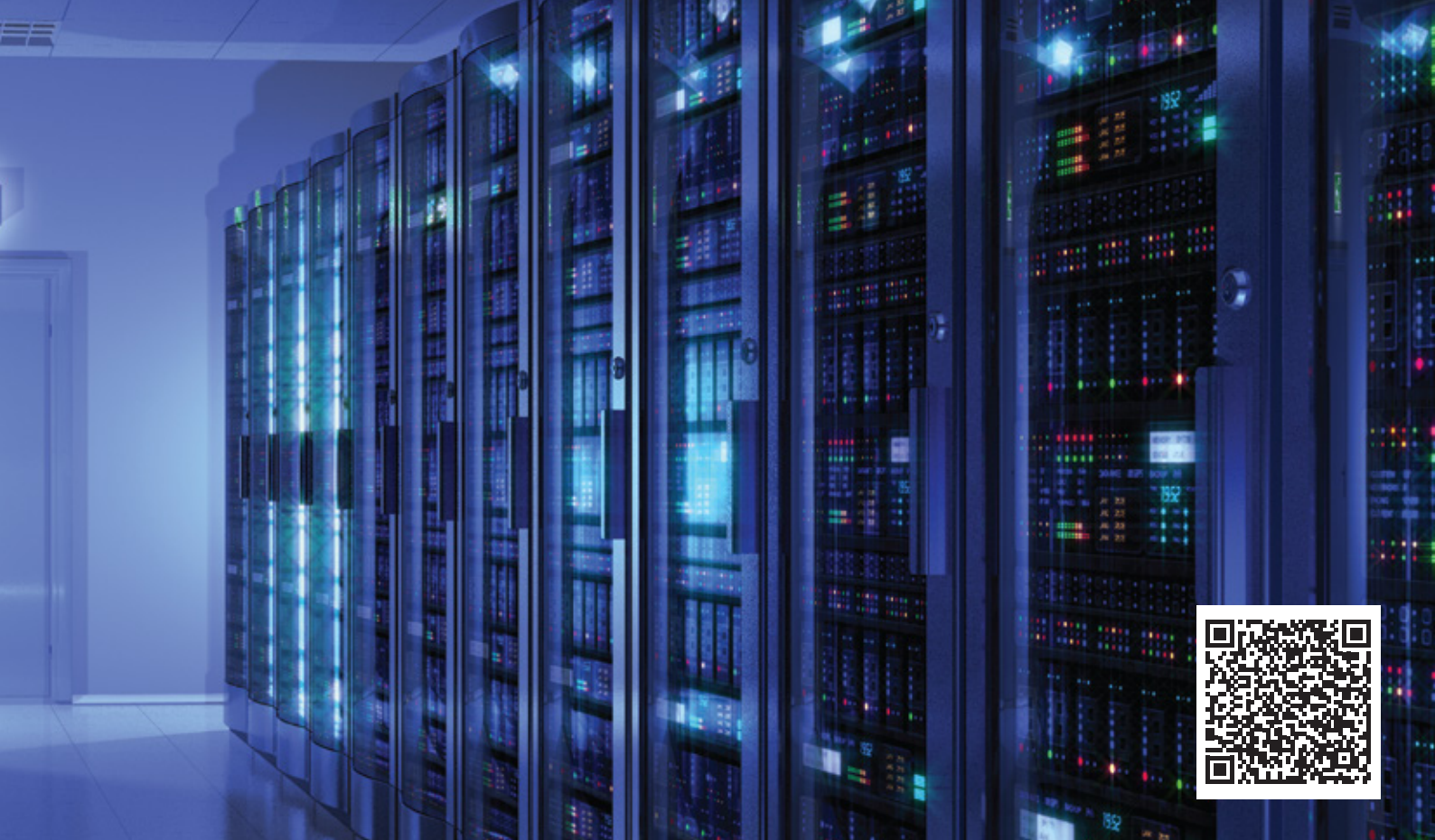
ENERGY



TRANSPORTATION



HOSPITALITY



Web Smart Switch Solutions

- 8/24 Gigabit edge ports
- PoE support
- 1G SFP uplink support
- Web interface management



Unmanaged Switch Solutions

- 8/16/24 Gigabit edge ports
- 1G uplink support (8 ports)
- PoE support



ECView Pro is Edge-Core's next-generation network management system. It provides network administrators with the flexibility to manage mission-critical networks through a scalable, comprehensive, and distributed network solution, enabling centralized management of Edge-Core and third-party network devices. ECView Pro automatically discovers network devices and generates a TCP/IP topology map that displays the entire network inventory. It monitors the status of each device, correlates and manages SNMP traps, and generates reports in various formats or sends alerts via e-mail when performance thresholds are exceeded. In addition, ECView Pro supports scheduled configuration and firmware downloads and updates, enabling bulk distribution while continuously monitoring network health and collecting performance data.



*High Reliability, Flexibility, and Efficiency with **EdgeCOS.***

EdgeCOS is the embedded operating system of Edge-Core enterprise switches. It offers flexible software customization options and includes rich L2/L2+/L3 features. Developed using Accton's design and manufacturing expertise, it delivers exceptional cost-performance efficiency with a highly reliable firmware structure. Most importantly, all managed switches come with EdgeCOS software, developed in-house by Edge-Core Networks, and can optionally be integrated with the ECView Pro network management system.

Wireless Network Solutions

Edge-Core Wireless Network Solutions leverage advanced Wi-Fi technologies to maximize service efficiency by enabling data analytics, user demographic profiling, and targeted marketing through Wi-Fi access. By integrating social media access and cloud-based management, businesses can create customized demographic profiles of Wi-Fi users, delivering valuable insights to optimize their operations.

In addition to providing both hardware and software for wireless network solutions, Edge-Core also offers MetroLinq Backhaul Wi-Fi solutions, supporting 60 GHz band and up to 10 Gbps data transmission. MetroLinq 10G access points can connect multiple fiber-like wireless links, providing a scalable, high-performance outdoor solution.



Wireless Wi-Fi 6 AP

Indoor

- Controller support
- Standalone usage support
- Cloud (ecCloud) support
- **Wi-Fi 6** support
- Up to 2.9 Gbps throughput



Wireless W2 AP

Indoor

- Controller support
- Standalone usage support
- Cloud (ecCloud) support
- **Wave 2** support
- Up to 2.3 Gbps throughput
- In-wall solution



Wireless W2 AP

Outdoor

- Controller support
- Standalone usage support
- Cloud (ecCloud) support
- Up to 1.73 Gbps throughput
- PTP / PTMP support
- IP68 protection



Enhance the Value of Your Wi-Fi Network with Managed Access and Guest Wi-Fi Solutions



Wi-Fi
management
and optimization



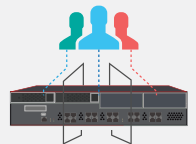
User access and
bandwidth control



Social media login for guest
Wi-Fi users



User-based quota
and billing



Flexible
distribution
architecture



WLAN Gateway

Controller

- 300 / 1000 / 3000 / 10000 **AP licenses** included
- **120,000** user support
- Firewall
- Internal / external authentication
- Hotspot 2.0



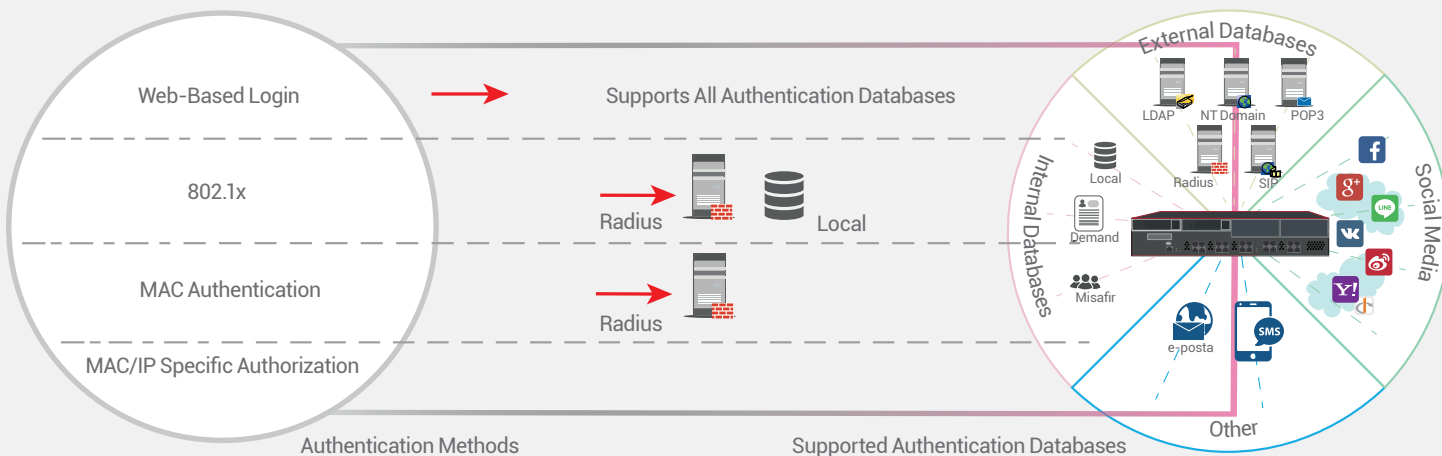
MetroLinq Broadband

Outdoor

- **Terragraph** certified
- **60 GHz** 802.11ay
- 360° broadcast feature
- PMP support
- Cloud (ecCloud) support
- IP66 protection



Edgecore ecCLOUD allows you to centrally manage and monitor wired and wireless network devices across multiple locations from a single platform. ecCLOUD offers rich, flexible, and centralized management features suitable for networks of all sizes.



Broadband Wireless Network Solutions

IgniteNet MetroLinq products use 60 GHz millimeter wave technology to deliver fiber-like multi-gigabit connectivity over the air. This enables the distribution of ultra-high-speed wireless networks worldwide. With a variety of point-to-point and point-to-multipoint options, MetroLinq provides reliable connectivity over distances of up to 1.5 km.

The 60 GHz spectrum offers wide bandwidth and minimal interference compared to lower frequencies (below 7 GHz). Designed primarily for urban environments, MetroLinq solutions provide high-capacity, secure, and license-free wireless links, making them ideal for operators, ISPs, municipalities, and enterprises seeking cost-effective deployment.



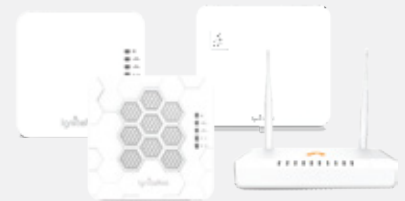
MetroLinq 60GHz TERRAGRAPH

- **Terragraph** certified
- 60GHz 802.11ay
- 360° broadcast capability
- TDMA support
- PMP support
- Cloud (ecCloud) support
- Up to 1.8 Gbps throughput



MetroLinq 60GHz Tri-band Solutions

- **Tri-band** (60GHz / 5GHz / 2.4GHz)
- PTP / PTMP solution
- Cloud (ecCloud) support
- Up to 1 Gbps throughput



Wi-Fi AP

Indoor / Outdoor

- Wave 2 support
- Indoor / outdoor mini design
- Cloud (ecCloud) support
- Up to 2.5 Gbps throughput

Neden Terragraph?



License-free
60GHz spectrum



High
speed



Flexible
distribution
architecture



Low-cost, fast
deployment



ecCLOUD
management



Ethernet Switch Solutions

- IP55 PoE switch
- 8/24 Gigabit PoE ports
- 24-port fiber backbone
- Cloud (ecCloud) support



Antenna & Accessory Solutions

- 30 dBi 60 GHz FusionDish
- MetroLinq Alignment Scope
- MetroLinq Bracket
- IP55 Fiber Converter



What is Terragraph?

Terragraph is a multi-node, wireless network technology designed to deliver high-speed, reliable internet.



Network Solutions

Founded in 1993, Planet Technology focuses on IP-based network products, offering a wide range of solutions for small and medium-sized businesses. With its strong mission of driving IP innovation, Planet has grown into a global brand, distributing its products through partners in more than 140 countries worldwide.

As one of the world's leading companies in IP data, voice, and video platforms, Planet Technology provides a comprehensive portfolio of network products under the principle of 3R – "Right Time, Right Product, Right Price."



LAN

Switch Solutions

- L3 managed chassis, 100G
- L3 managed telecom
- L2+ managed multigigabit, MetroStackable
- L2 managed GE/FE
- L2 Web Smart Gigabit
- L2 managed GE/FE



PoE

Switch Solutions

- L3 managed 11at/bt / Ultra PoE
- L2/L2+ managed 11at/bt PoE
- LCD 11at/bt PoE
- Long Reach PoE
- PoE injector / splitter / extender
- PoE media converter, PoE NIC



Industrial

Switch Solutions

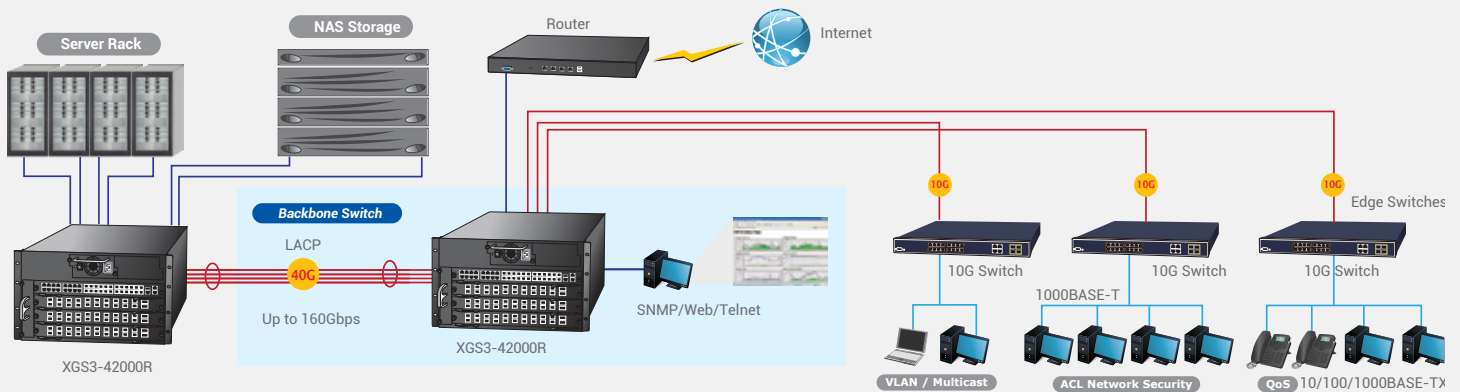
- L3/L2 managed rackmount
- L3/L2+/L2 managed DIN-rail
- L3/L2+/L2 managed DIN-rail PoE
- L2+/L2 managed flat-type PoE
- Industrial wireless router
- EN50155 Ethernet



Media Converter

Solutions

- Chassis media converter
- 10G media converter
- GE/FE media converter
- Industrial media converter
- Video over fiber converter
- SFP/SPP+/QSFP transceiver
- Modbus gateway
- EtherCAT slave module



LAYER 3 STATIC ROUTING



GEON / PON Solutions

- GPON, GEON, OLT/ONU
- MetroEthernet / fiber router
- xDSL modem
- Wireless broadband router
- Firewall



Wireless Network Solutions

- Wireless AP controller
- Indoor AP / bridge
- Outdoor AP / bridge
- Wireless router
- Antenna



Network Peripheral Solutions

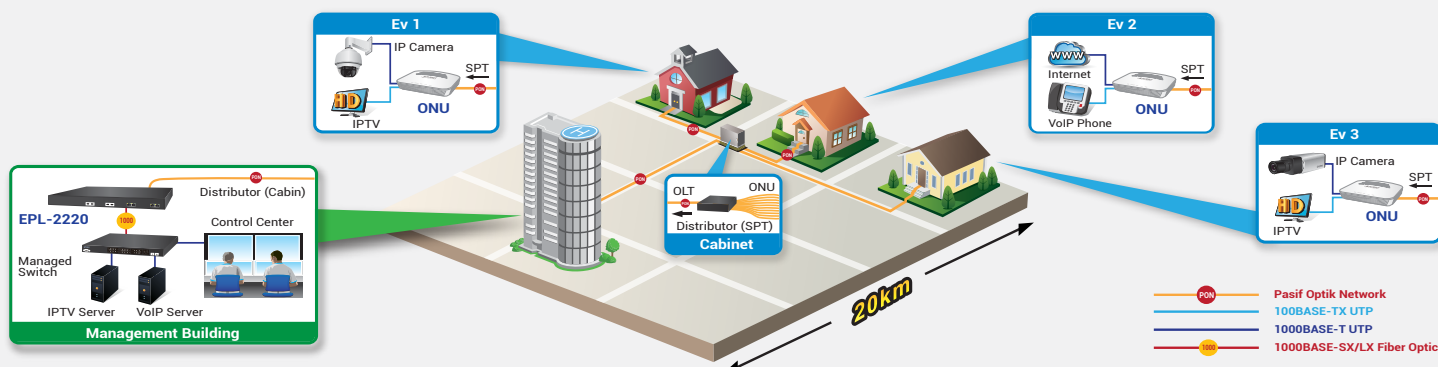
- IP PBX, IP phone
- FXS / FXO gateway
- IP / LCD KVM switch
- Digital signage
- Fiber / 10G / 1G Ethernet card



Network Management(NMS)

- Network management system (NMS)
- Mobile application
- Wireless AP management system
- NMS controller
- Cloud-based management system

GEON / PON



Industrial Network Solutions

Founded in 2005, ORing Industrial is one of the leading manufacturers of industrial network solutions, providing innovative and competitive technologies to the global industrial networking market. ORing offers a wide range of products including Switches, Wireless solutions, Routers, Media Converters, Serial converters, and more — all designed to meet the demanding requirements of industrial environments.

With a strong focus on high efficiency, reliable network traffic management, and redundancy, ORing's solutions are ideal for railway systems, industrial automation, power and renewable energy, and marine applications. ORing continues to develop innovative technologies that ensure stability and performance in mission-critical scenarios.



CATM1 (eMTC)
2G/3G/4G



Industrial Switch Solutions

- L3 switch
- L2+ switch
- PoE switch
- Railway **EN50155** switch
- Optical fiber bypass switch



Industrial Wireless Network Solutions

- DIN-rail wireless AP
- IP67 wireless AP
- EN50155 wireless AP
- RF antenna



Industrial VPN Router Gateway Solutions

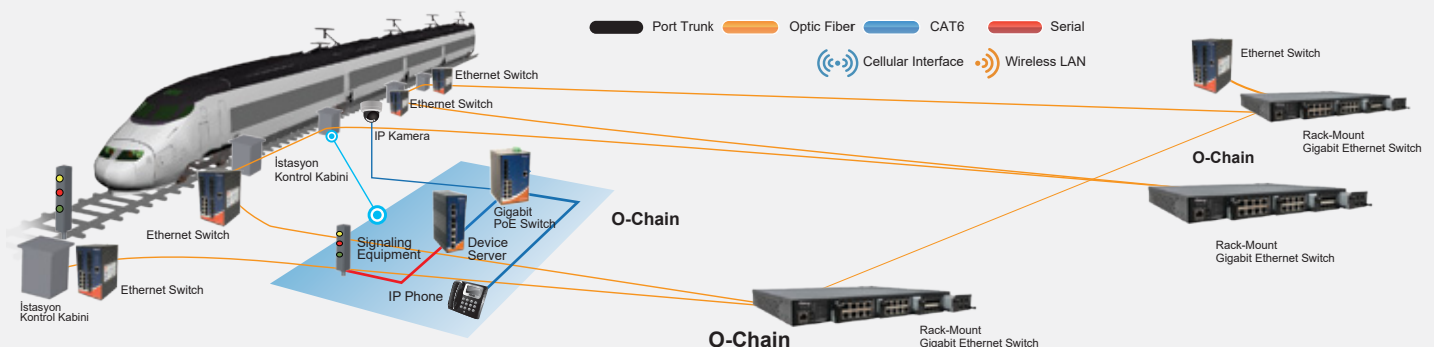
- DIN-rail VPN router
- DIN-rail 3.5G / 4G LTE router
- EN50155 3.5G / 4G LTE router
- IP67 EN50155 3.5G / 4G LTE router



Industrial Serial Converter Solutions

- Rackmount serial device server
- Serial device server
- Wireless serial device server
- Serial USB converters
- Serial media converters

Train Station Network Application





Industrial IoT Solutions

- Street Lighting
- IIOT IO- Gateway (ORIO)
- IIOT Gateway(IMG-6322-MN)
- IIOT Gateway(IMG-4312-MN)
- Plant Factory/ Sensor



Industrial Media Converter Solutions

- Rackmount Modular MC
- Din-Rail Ethernet MC
- PoE Ethernet MC
- Ethernet Extender MC



Industrial M2M Solutions

- M2M Gateway

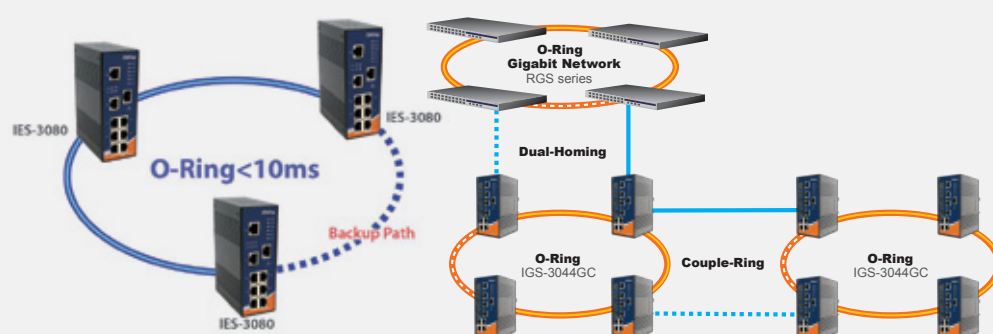


Network Management Solutions

- Open Vision
- Cloud (Oring PaaS)

ORing Ring Topology

O-Ring is ORing's proprietary redundant ring technology, offering a recovery time of less than 10 milliseconds and supporting up to 250 nodes. This technology provides high network reliability and protects mission-critical applications from network interruptions or temporary failures.



Industrial Automation Solutions

ATC Technology offers professional solutions for industrial communication.

Protocols such as RS232, RS485, Modbus, TCP/IP, and USB interfaces are used to convert signals from industrial communication, automation, and robotic systems into various data signals. These solutions enable signal extension, wireless communication, and conversion between different signal types, eliminating the limitations of cable distance.

All ATC products are designed and manufactured by experienced engineers to meet modern automation system requirements.

With its competitive pricing and fast production capabilities, ATC meets the growing demands of both domestic and international markets.



TCP / IP Solutions

- TCP/IP to RS232/422/485 Converter
- TCP/IP to RS232/422/485 Module
- TCP/IP to RS232/422/485 Repeater
- TCP/IP to 4-Port RS232/422/485 Converter
- 1-Port Modbus Gateway



Industrial Control Solutions

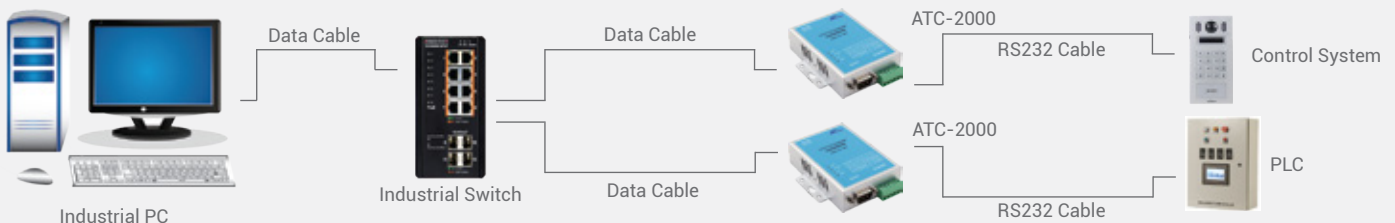
- RS232 – TTL Data Converter
- RS232 to RS422/485 Opto-Isolated Converter
- RS232/RS485 Isolated Data Repeater
- RS232 to RS485 Data Converter
- RS232 to RS422/485 Isolated 3500V Converter
- RS232 to RS422/485 Isolated 2500V Converter

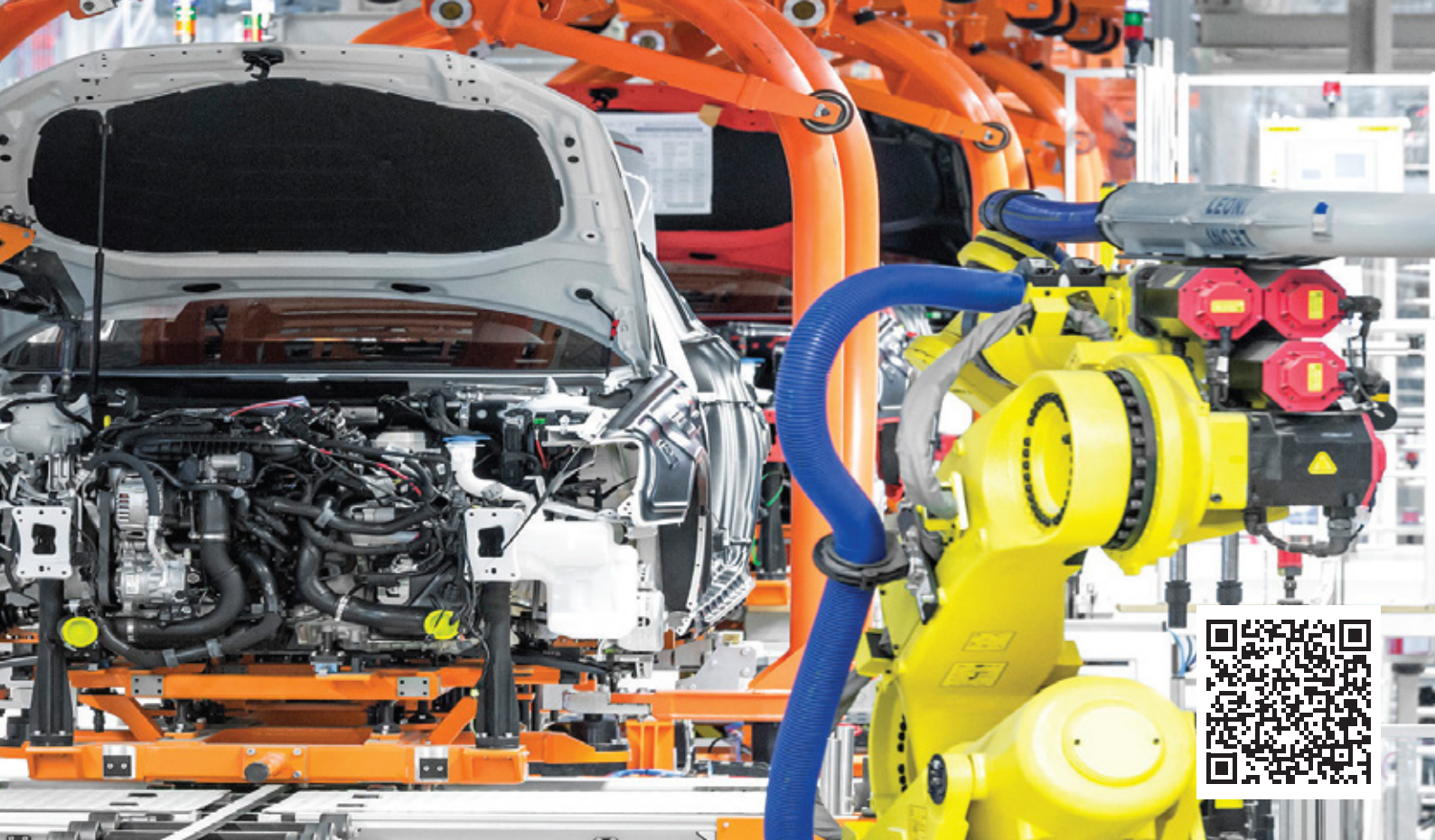


Wireless RF Solutions

- RS485 Wireless Module – 1000 m
- RS232 Wireless Module – 300 m
- RS485 Wireless Module – 300 m
- RS232 Wireless Module – 500 m
- ZigBee to RS232/422/485 Converter
- WLAN – UART Module
- RS232/422/485 Wi-Fi Converter

ATC TCP/IP To RS-232/422/485 Converter





Fiber O. Communication Solutions

- RS232–422–485 to Single Mode Fiber Optic Converter



USB Solutions

- USB to RS232/422/485 Converter
- USB to 4-Port RS232 Converter



Based on IEEE 802.15.4, Zigbee is a wireless communication technology designed for industrial, scientific, and medical (ISM) applications. This standard enables low-power devices to communicate with each other over long periods without frequent battery replacement. Zigbee aims to offer a variety of reliable communication options for industrial automation. Unlike Wi-Fi, Zigbee is optimized for low data rates, low power consumption, and long battery life, making it ideal for control and monitoring systems. The diagram on the right illustrates a typical Zigbee-based automation network.



CCTV Solutions

Dahua Technology, a leading manufacturer in IP-based security systems, offers a wide range of IP and HDCVI cameras and recording solutions, mobile camera systems, and thermal camera technologies. The company also develops various software platforms and management consoles, ensuring high-performance and reliable production.

In addition to commercial products, Dahua provides specialized solutions for defense and military applications, including EX-Proof certified cameras, high-image-quality systems, and technologies designed to meet the unique demands of critical sectors.



IP / HDCVI Camera Solutions

- 2, 4, 5, 6, 8, 12 MP Cameras
- Bullet, Dome, Box
- People Counting Cameras
- License Plate Recognition (LPR) Cameras
- ANPR Cameras
- Panoramic Cameras



NVR / XVR / IVSS Solutions

- 4 / 8 / 16 / 32 / 64 / 128 Ch.
- 1, 2, 4, 8, 16, 24 HDD
- N+1 Support
- RAID Support
- PoE Support
- 16, 24, 36 HDD Storage



PTZ Camera Solutions

- IP, HDCVI PTZ
- 12x, 25x, 30x, 45x Optical Zoom
- Anti-Corrosion Models
- EX-Proof
- Fixed or Positioning Models



Thermal Camera Solutions

- Body Temperature Measurement Systems
- Thermal PTZ
- Thermal Hybrid Speed Dome
- Thermal Hybrid Bullet
- Thermal Bullet
- Anti-Corrosion Thermal Cameras

License Plate Recognition Systems



License Plate Recognition (LPR) is the process of analyzing image data from a video source with LPR software to extract the alphanumeric characters that make up a license plate.

The imaging hardware is IP (network) cameras. Their role in the scenario is to stream video to the software at 25 fps (25 frames per second). The software then analyzes these frames and extracts the plate information from the images.

After a plate is read and converted into structured numeric data, various scenarios can be executed. For example: open the barrier if the plate is authorized, or notify the relevant authority if a blacklisted plate is detected.



Monitoring & Control Solutions

- 19", 22", 24", 27", 32", 43" 17/24 Monitors
- 46", 50", 55", 65" Video Wall
- Ultra HD Decoder
- SmartPSS (Free)
- DSS



Ethernet Switch Solutions

- Industrial Switch
- ePoE Switch
- Edge Switch
- PoE Switch
- Fiber Backbone
- SFP Module



Mobile Camera Solutions

- Mobile Cameras
- Mobile NVR
- IP / HDCVI
- Portable Solutions



Video Intercom Solutions

- IP Solutions
- Analog Solutions
- Emergency Call Terminals
- Kits
- Accessories

People Counting Solutions

Dahua's People Counting and Flow Control solutions are designed for public safety, health monitoring, and operational efficiency. Ideal for spaces such as supermarkets, transportation hubs, factories, and commercial facilities, these systems help regulate capacity and reduce risk during pandemics (e.g., Covid-19).

- People Counting
- Queue Detection
- Vehicle parking detection
- Wandering person detection
- Human and object classification
- Intrusion detection
- Crowd detection
- Unauthorized entry
- Fast movement detection
- Heat map
- Height measurement



Thermal Imaging and Explosion-Proof Camera Solutions

Thermal and perimeter protection cameras are technological devices used in security systems. These cameras detect and visualize thermal differences with high accuracy. Thermal and perimeter protection cameras are used to secure facilities and specific areas by detecting potential threats in advance. This technology is widely used in security, surveillance, and industrial sectors to enhance security measures and proactively detect risks.



Perimeter Protection

- Land Border Security
- Coastal Security
- Environmental Security



Industrial-Type Surveillance

- Early Heat Source Detection
- Real-Time Flame Detection
- High-Risk Area Smoke Inhalation Detection



Environmental Surveillance

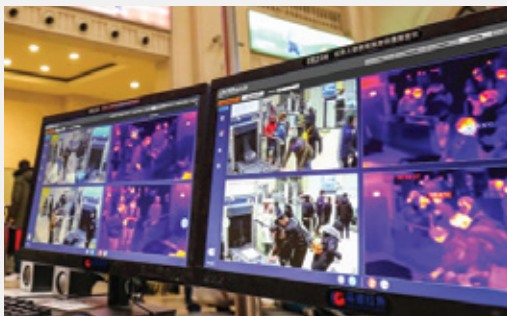
- Artificial Intelligence
- Abnormal Motion Detection
- Object Detection and Identification



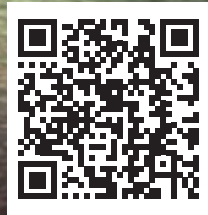
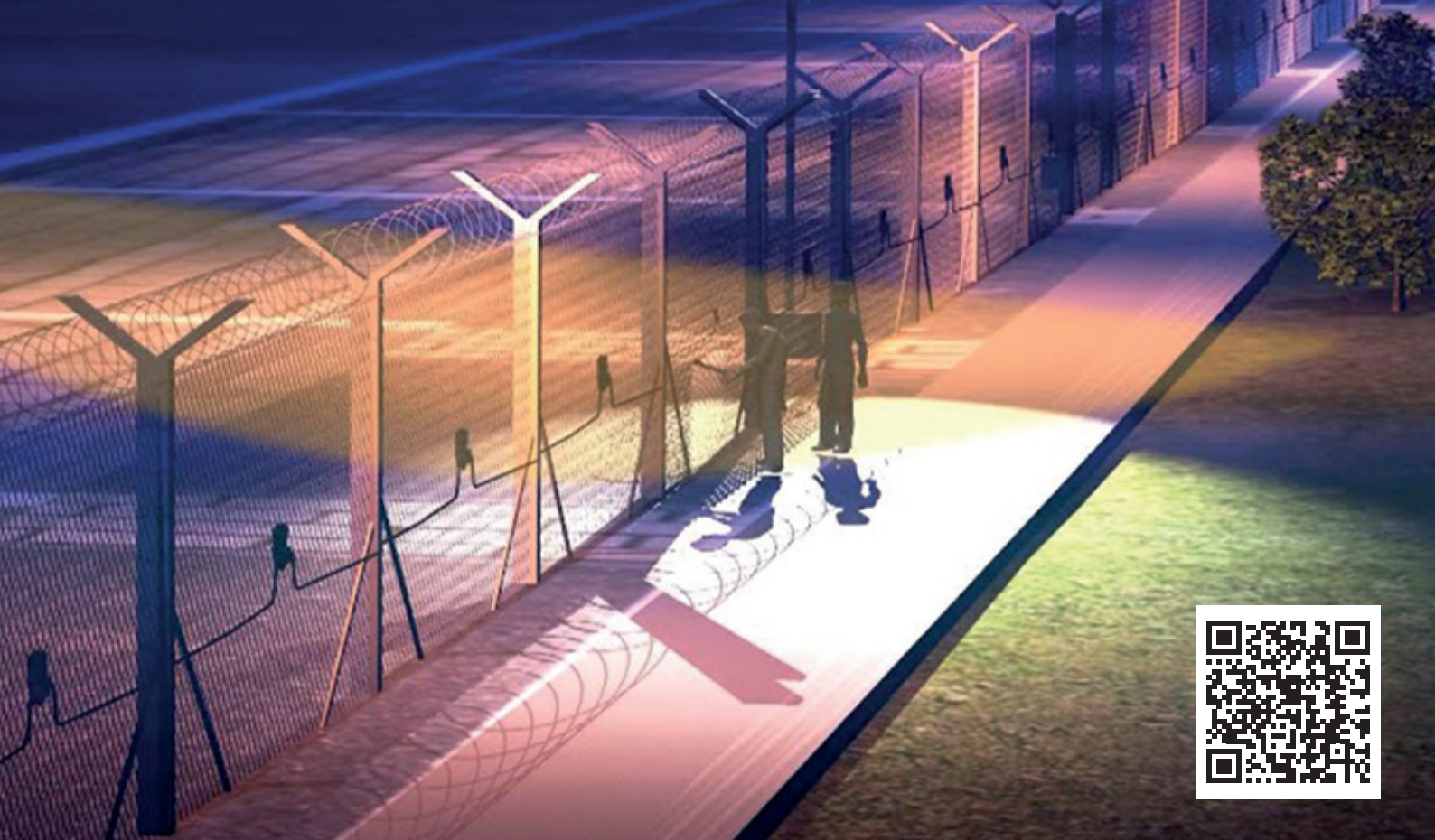
Transportation

- Mobile Solutions
- Traffic Management Solutions
- Airport and Port Solutions

Why Thermal Cameras?



Thanks to Dahua Thermal Camera Solutions' AI algorithms, these cameras can measure body temperature quickly and without contact from a distance of up to 3 meters. Using a Blackbody device, they achieve extremely precise temperature measurements (up to ± 0.3 °C). Dahua Thermal Cameras offer the advantage of on-screen temperature visualization to detect abnormal heat increases before any symptoms appear. Thermal cameras are widely used for perimeter security and can be employed like thermometers in many applications. However, their strength lies in large-area monitoring—such as public spaces, airports, hospitals, factories, and collective living areas—where they provide fast, accurate, and contactless temperature screening without restricting mobility. They offer a cost-effective, rapid, and completely contact-free solution for early detection and control, making thermal cameras a crucial part of security systems.



Fixed Explosion-Proof Camera

- Gas and Oil Pipelines
- Power Plants
- Ships and Marine Platforms
- Mining Sites



PTZ Explosion-Proof Camera

- Airports
- Railway Stations
- Large Industrial Facilities
- Perimeter Monitoring and Security



Thermal Explosion-Proof Camera

- Nuclear Power Plants
- Airports
- Petrochemical Facilities
- Chemical Storage Areas

Why Explosion-Proof Cameras?



Dahua Explosion-Proof Camera Solutions are designed for use in explosive environments, such as chemical plants, oil refineries, and gas storage facilities—areas where the risk of explosion is high. These cameras are built to operate safely in locations containing explosive gases, vapors, or dust. Explosion-proof cameras feature special designs and are manufactured according to strict standards to ensure safe operation in hazardous areas. Their construction, materials, and installation methods are carefully selected to provide reliable performance in explosive atmospheres.

- Security and Surveillance
- Production Process Monitoring
- Explosive Gas Detection
- Fire Prevention and Early Detection

Alarm Görüntüleme ve Interkom Solutions

Alarm and Intercom systems offer a wide range of applications, from residential buildings to commercial facilities, to meet modern security needs. Alarm systems use various sensors to detect potential threats and provide quick intervention in emergency situations. Intercom systems, on the other hand, enhance communication and optimize access control. With audio and video communication features, they enable visitor identification and remote access management, offering flexibility and security to users. Today, with growing security awareness, these systems have become an essential part of daily life.



Control Panels

- Centralized control
- Remote access and management
- Event logging and reporting



Motion Detectors

- PIR technology
- Advanced detection technology
- Sensitivity adjustment



Magnetic Contacts

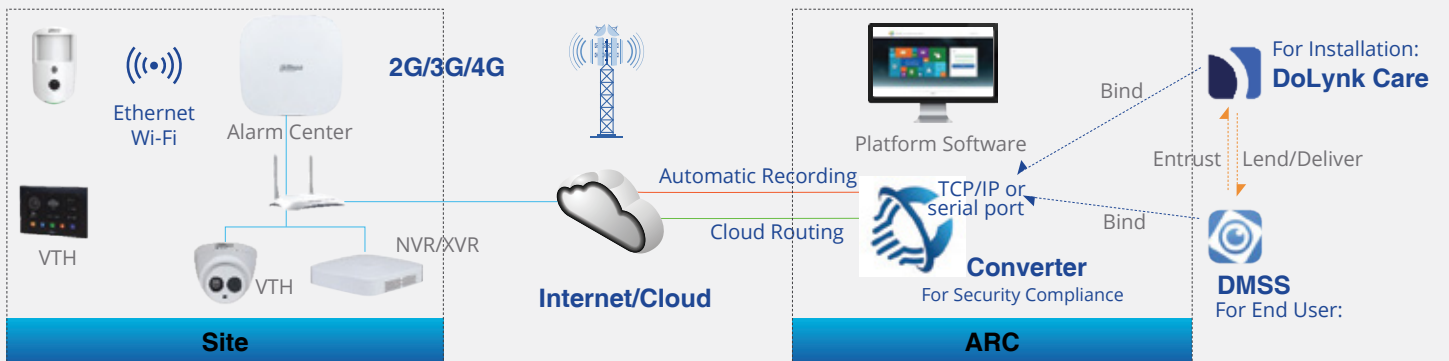
- Durability for outdoor use
- Integration with security systems



Siren Solutions

- High sound levels
- Remote control
- Weather resistance

Alarm Solution Topology





IP Apartment Solutions

- Broad coverage and flexibility
- Remote access and management
- Emergency communication



Villa Type Solutions

- Audio and video communication
- Weather resistance
- Remote monitoring and control



Accessories

- Audio recording devices
- Magnetic door contacts
- Fingerprint recognition systems



Why Intercom?

Video intercom systems are a highly effective technology that combines security and comfort for both home and business users. These systems improve living standards by providing enhanced security and communication capabilities.

- Increased security
- Burglary prevention
- Comfort and convenience
- Safety for children and the elderly

Intercom Solution Topology



Fire Detection Solutions

Discover Dahua's fire detection products, which leverage video analytics, cloud computing, big data, and IoT technologies to support comprehensive urban safety management. By applying these advanced technologies to various scenarios such as energy, retail, banking, education, and other sectors, Dahua's Fire Prevention Software provides users with enhanced safety and confidence through a wide range of solutions.



Addressable Fire Alarm System

- Control Panel
- Smoke and Heat Detection
- Flash Siren
- Manual Call Point



Conventional Fire Alarm System

- Control Panel
- Smoke and Heat Detection
- Flash Siren
- Manual Call Point



Smoke and Heat Detector

- Smoke Detector
- Heat Detector
- High sound output above 85 dB (Smoke / Heat)



Break Glass Call Point and Sounder

- Emergency sounder with light
- Break glass call point for emergencies



What is a Fire Alarm System and How Does It Work?



The fire alarm system automatically alerts people to potential dangers such as fire, smoke, heat, or carbon monoxide using detectors and alarms. Conventional fire alarm systems are often used in smaller buildings because they are relatively simple, reliable, and cost-effective solutions.



Carbon Monoxide Alarm System

- Independent Carbon Monoxide Alarm
- Wireless Carbon Monoxide Alarm with interconnection support
- High performance Figaro Sensor



Smoke Evacuation System

- Smart IoT: Connection to IoT Platform via Ethernet Port, RS-485, 4G and CAT1
- Dual-wavelength technology using infrared and blue light for precise particle detection and smoke identification



Flame and Smoke Detection Camera

- Flame Detection Camera
- Smoke Detection Camera
- Infrared Flame Detector

Conventional Fire Alarm System

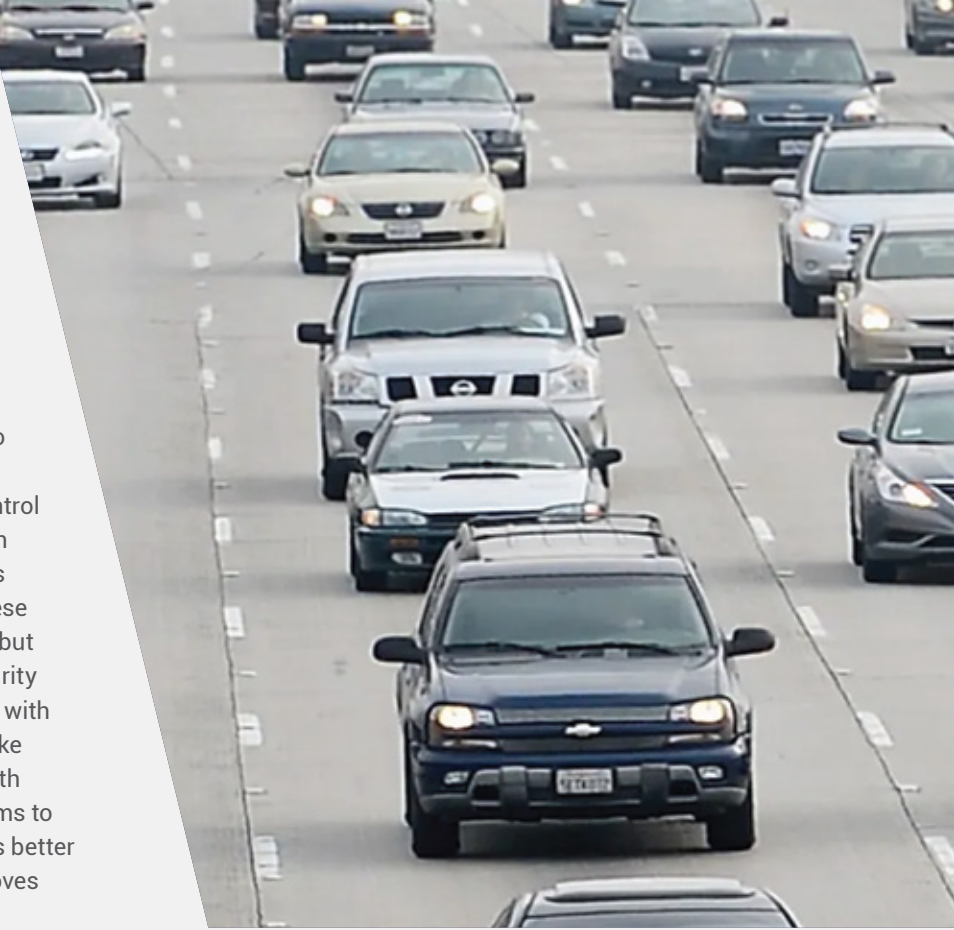


Conventional systems are ideal for small to medium-sized buildings due to their reliability and low cost. In these systems, detection devices are connected to specific zones on the control panel. When an alarm is triggered, the control panel identifies the zone but not the exact device. Each zone typically has both a manual call point and automatic detectors such as smoke or heat sensors. Flash sirens or bells are used as alarm indicators.

Conventional fire alarm systems are simple in design and easy to install, making them an ideal choice for environments where pinpoint detection is not essential. This cost-effective solution is widely used in small commercial buildings, retail areas, and residential applications.

Smart Traffic and Barrier Solutions

With visual intercom systems, you can establish video communication with your visitors through different apartment intercom systems or building entrance control systems. This provides not only audio communication but also enables visual identification, which enhances security by allowing facial verification. In addition, these systems do not only cover the building entrance area but also provide access to images from surrounding security cameras, helping increase overall security. Integrated with Dahua's smart intercom solutions, these systems make communication easier while also working together with security cameras and other integrated security systems to create a smarter security ecosystem. This gives users better control over their environment and significantly improves overall safety.



PTS & EDS Solutions

- Fingerprint Recognition
- Card Reading
- Event Recording and Monitoring



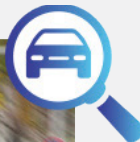
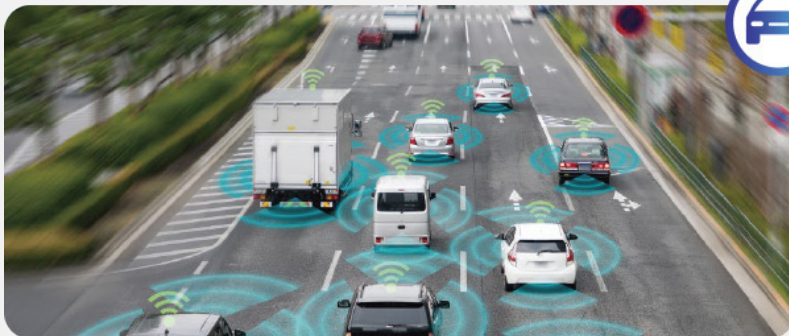
Smart Parking Solutions

- RVF Technology: Radar and vision fusion
- Deep Learning Algorithms
- Innovative Traffic Algorithms



Smart Traffic Systems focus on the integration of computer, electronic, communication technologies, and management strategies. They provide data that helps improve the efficiency of transportation systems. The system consists of traffic violation enforcement, highway traffic flow monitoring, and traffic signal control systems.

Why Smart Traffic?



- RVF Technology: Radar and vision fusion
- Deep Learning Algorithms
- Innovative Traffic Algorithms
- Doppler Radar: More accurate object detection and wide coverage
- Artificial Intelligence
- Cost Efficiency
- Energy Saving and Environmental Protection
- User Friendly



INNOVATIVE, SECURE, AND EFFICIENT DAHUA SMART PARKING SOLUTION

Global vehicle production is expected to reach 85,016,700 units in 2022, which increases the demand for parking spaces. This drives the need for more efficient vehicle parking management. Dahua Smart Parking Solutions provide optimized parking management, improving efficiency while offering a professional and comprehensive user experience. Through Dahua's open ecosystem, users can connect their devices to the Dahua platform, enabling easier integration with other third-party systems.



Entrance & Exit Solutions

- Automatic license plate recognition
- Ticket and card access
- Efficient vehicle flow
- Secure access management



Outdoor Parking Solutions

- Easy vehicle detection with barriers
- Efficient parking management
- Video surveillance integration



Indoor Parking Solutions

- Vehicle recognition systems
- Security cameras
- Barrier and gate control systems



Roadside Parking Solutions

- 24/7 monitoring
- Ultra-long-range coverage
- Ultra-high accuracy

Structured Cabling Copper Network Solutions

ORingNetworking is a 100% Turkish brand. As a brand that has made a significant contribution to our country, it holds a place in many national and international projects with its high-quality standards. By developing solutions in line with today's technologies, ORingNetworking offers flexible and customized solutions tailored to customer needs, providing added value to various projects.

Our copper and fiber products are manufactured in compliance with international standards and hold certifications such as ETL, 3P, UL, and CPR. These certifications guarantee that our solutions meet international performance and safety standards



Copper Cable Solutions



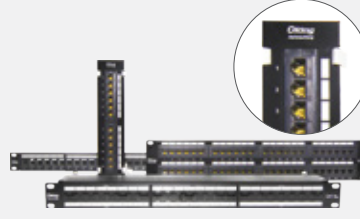
- CAT8, CAT7, CAT6A, CAT6, CAT5E
- S/FTP, F/UTP, F/FTP, U/FTP, U/UTP
- S/FTP / F/UTP for Outdoor use
- 2000, 600, 500, 250, 100 MHz
- 1000, 500, 350 m
- Fluke tested



Patch Cable Solutions



- CAT8, CAT7, CAT6A, CAT6, CAT5E
- S/FTP, F/UTP, F/FTP, U/FTP, U/UTP
- **LED Eye** CAT7, CAT6
- 0.30, 0.50, 1, 2, 3, 5, 10, 20, 30 m
- ID Tracking 100% tested system
- 50µ Gold Plated Contacts



Patch Panel Solutions

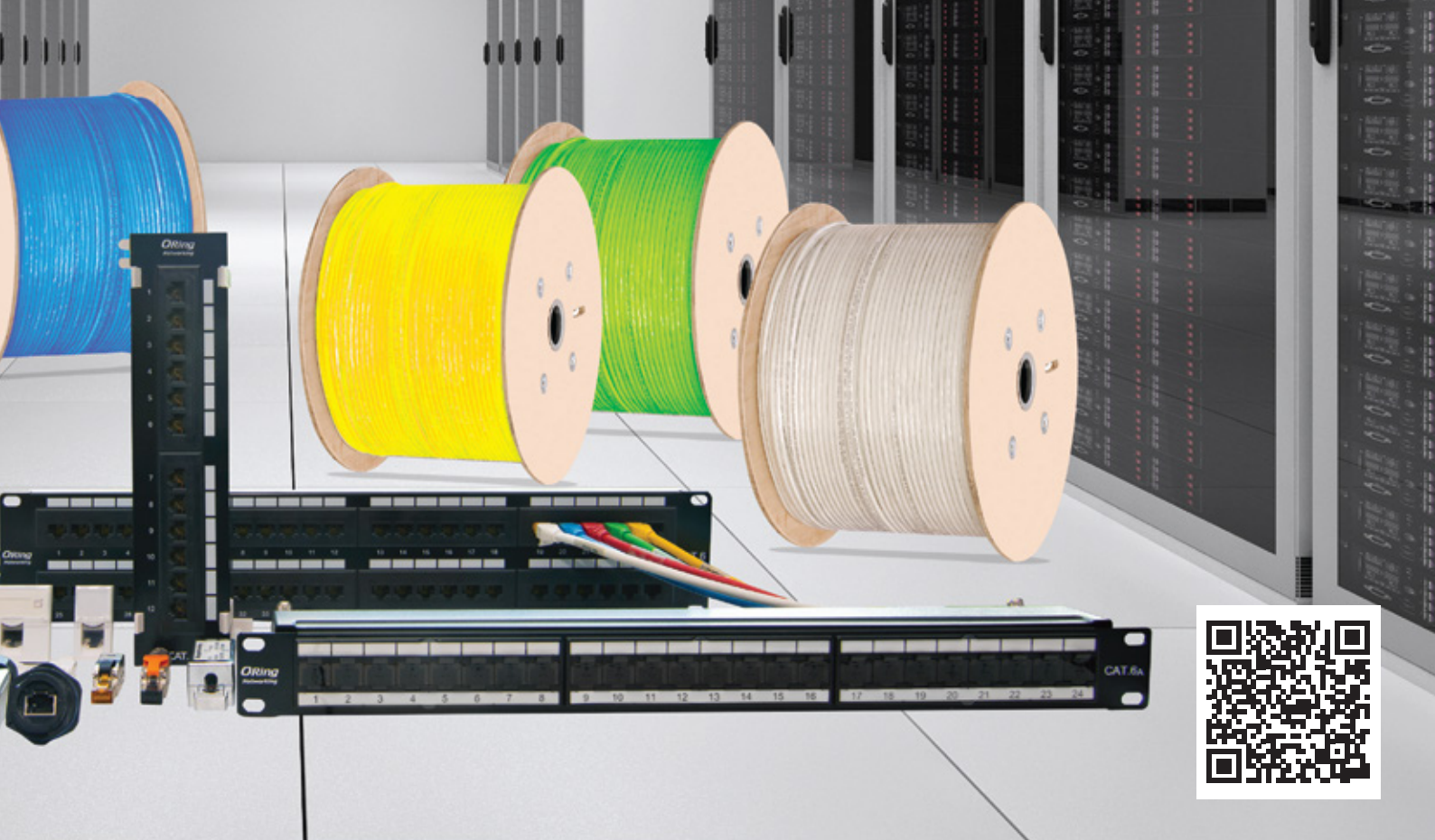
- CAT6A, CAT6, CAT5E
- UTP, STP
- 12, 24, 48 ports
- Modular UTP Patch Panel
- Modular STP Patch Panel, Cross Panel
- 1U, 19" rack compatible
- 50µ Gold Plated Contacts



Keystone Jack Solutions

- CAT6A, CAT6, CAT5E
- UTP, STP
- CAT6 Shielded Inline Coupler
- CAT6 STP Dual IDC Coupler
- ORingNetworking Termination Series – KJ32, KJ28
- 50µ Gold Plated Contacts

Category	CAT5E 	CAT6 	CAT6A 	CAT7 	CAT8 
Shielding	F/UTP	F/UTP	S/FTP	S/FTP	S/FTP
	U/UTP	U/UTP	U/FTP		
Jacket	LSZH	LSZH	LSZH	LSZH	LSZH
	PVC	PVC			
		PE			
Conductor	24AWG	23AWG	23AWG	23AWG	23AWG
Frekans	100 MHz	250MHz	500 MHz	600 MHz	2000 MHz
Network Standards	100 Base-TX	1000 Base-T	10G Base-T	10G Base-T	25-40G Base-T
Color	White	White, Blue, Yellow, Green, Orange	Beyaz, Turuncu	White, Blue, Yellow, Green, Orange	White, Orange



Industrial Modular Plug Solutions

- CAT6A, CAT6
- Patch Panel Type
- Metal and Plastic
- Square Type
- Male–Female, Female–Female
- IP67, IP20



Modular Plug Solutions

- CAT7, CAT6A, CAT6, CAT5E
- EZ Plug
- 50µ Gold Plated Contacts
- 3µ Gold Plated Contacts
- Up to 750 reinsertions
- 3-pin structure



Data Outlet Solutions

- Single Surface-Mount Box
- Dual Surface-Mount Box
- Single Face Plate 22.5×45 mm
- Dual Face Plate 45×45 mm
- DIN-RAIL Face Plate Latch Up

LIFE TIME WARRANTY

ORingNetworking
Cabling System Expert

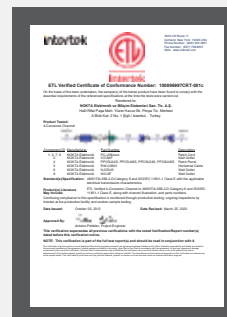
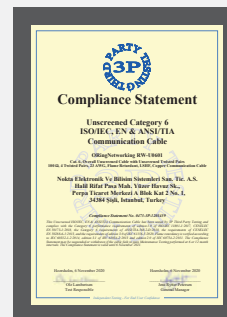
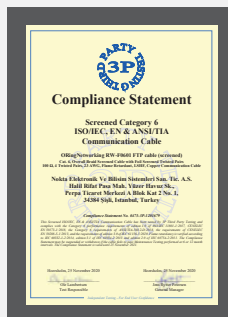
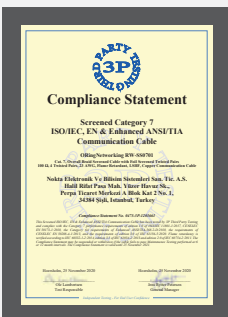
ORingNetworking products offer an end-to-end single-brand certified lifetime system performance guarantee for your projects.

CPR
Certificate

3P
PARTY TESTING

ETL
LISTED

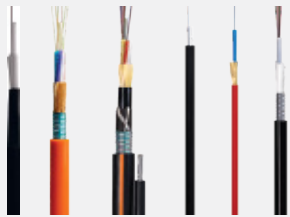
CERTIFICATES



Fiber Optic Network Solutions

ORingNetworking is primarily a 100% Turkish brand. Thanks to the brand rights belonging to our company, this valuable brand has taken its place in many major projects in our country by meeting international quality standards. By combining advanced technologies with ready-made solutions, it can also offer brand-specific solutions tailored to local demands, providing flexible and high-volume production potential.

We manufacture our products in two different platforms, Copper and Fiber, in accordance with world standards, offering innovative end-to-end solutions with lifetime performance guarantees. All ORingNetworking products are certified according to ETL, 3P, UL, CPR, and GPI standards.



Fiber Optic Cable Solutions

- Single-Tube Fiber Optic Cable
- Multi-Tube Fiber Optic Cable
- Air Blown Tube Fiber Optic Cable
- FTTH Drop Cable



Patch Cable & Pigtail Solutions

- Breakout Armored Fiber Patch Cord
- LED-EYE Uniboot Patch Cord
- Uniboot Patch Cord
- OM1, OM2, OM3, OM4, SM
- 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50m
- LC, SC, ST, FC, APC, UPC, PC, SPC connectors



Patch Panel Terminal Box Solutions

- 12/24 Port Rack Type
- SC Duplex
- LC Simplex / LC Duplex
- SC Simplex (PP501-T)
- 2/4/6/8/12/24 F Type
- Metal or Plastic Case
- 1U FTTB Box



Underground Joint Boxes Splice/Coupler Solutions

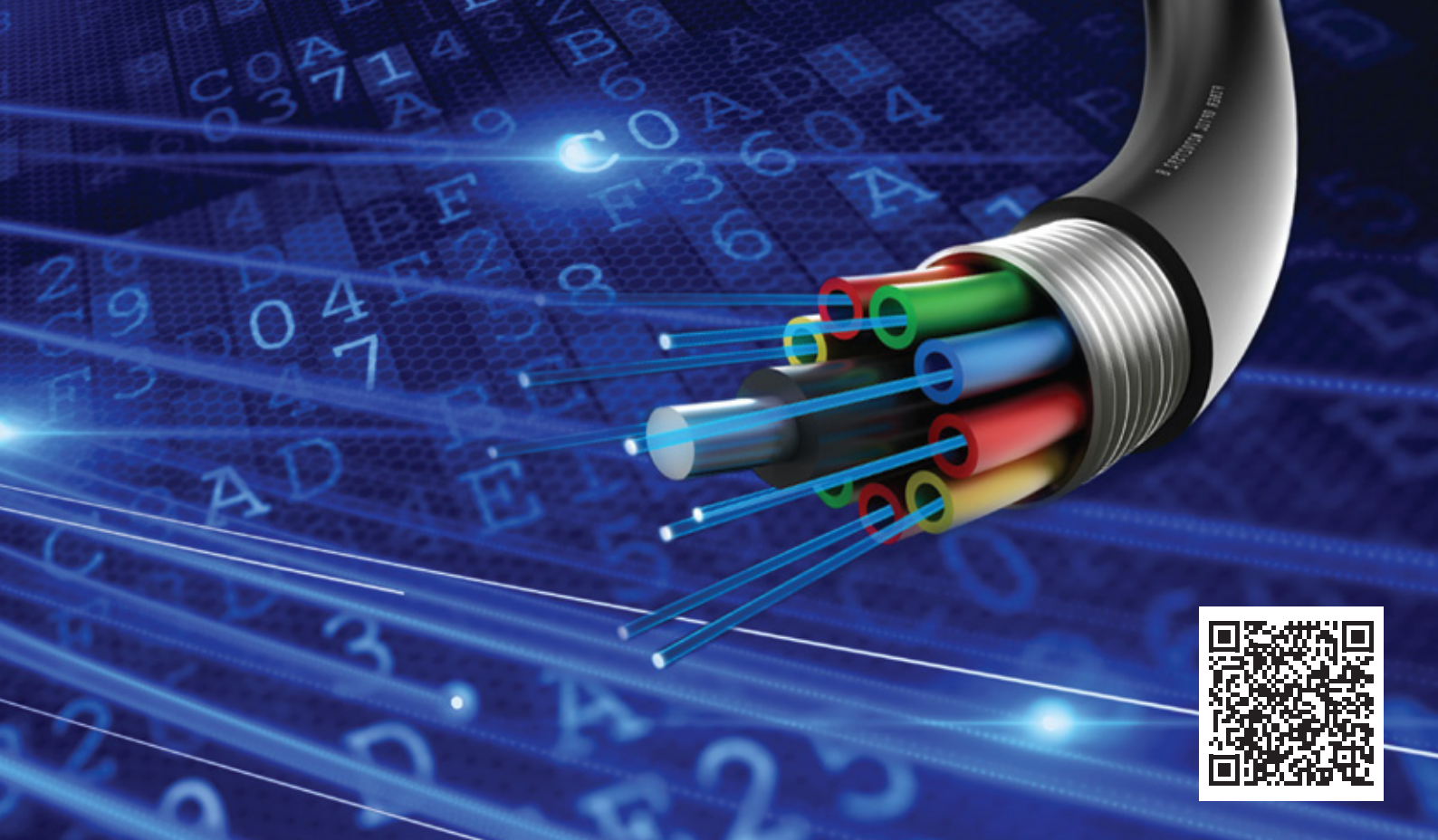
- 48 / 144 / 288 ports
- Vertical and Horizontal Types
- SC/APC SM Fast Connectors
- SM/MM
- LC, SC, ST, FC
- Simplex / Duplex
- 12/24/36/48 Core Splice Boxes

Why ORingNetworking?



The G.657A2/B2 core minimizes bending loss in fiber optic cables. While standard cables can have a bending radius of 10 mm, ORingNetworking fiber optic cables reduce bending loss by up to 25% with a 7.5 mm bending radius.

ORingNetworking Single Mode Fiber Optic Cables with UPC polish offer up to -50 dB return loss, providing 2x better performance than standard PC polish cables.



M7

Ultra Mini Fusion Splicer

- 12-second heating time
- 20-second splicing time
- Automatic compensation
- 4.3" HD touchscreen display
- Dual camera with 400× magnification
- Up to 110 fusion splices per battery



VIEW3 PRO

Fusion Splicer

- FTTX ARC Fusion Splicer
- Active V-groove cladding alignment
- Minimum loss, world-class performance
- 5" color high-resolution touchscreen
- Dual camera with 520× magnification



VIEW8 PRO

Fusion Splicer

- 6-second heating time
- 11-second splicing time
- Automatic compensation
- 5" color high-resolution touchscreen
- Dual camera with 520× magnification
- Up to 355 fusion splices per battery



OTDR

CCTV Test Device

- 5.4" IPS touchscreen
- 4K H.265 and 2×4P camera test
- 8MP 7-in-1 AHD camera test
- HDMI input/output
- 1920×1080 VGA display
- 4K@30fps HDMI display
- 1310/1550nm wavelength

Speed	Standard	Multi Mode				Single Mode	
		OM1	OM2	OM3	OM4	OS1	OS2
100 Mbps	100FX	2Km	2Km	2Km	2Km	120Km	120Km
1 Gbps	1000Base-SX/LX		550m	600m	600m	10Km	10Km
	1000Base-EX/ZX					40Km	40Km / 80Km
10 Gbps	10GBase-SR/LR		80m	300m	400m	10Km	10Km
	10GBase-ER/ZR					40Km	40Km
25 Gbps	25GBase-SR/LR			100m	100m	10Km	10Km
40 Gbps	40GBase-SR4/LR4			100m	100m	10Km	10Km
100 Gbps	100GBase-SR4/LR4			100m	100m	10Km	10Km

Network Solutions

Uptech is a domestic brand registered under Nokta Elektronik. It offers economical and trouble-free solutions for your small and medium-sized networks with network cabling products.

Cat5e and Cat6 category cables, patch panels, modular panels, keystone jacks, patch cables in different colors and lengths provide a neat and healthy cabling infrastructure for your L3, L2, GE/FE managed or unmanaged networks, industrially managed PoE switches, and fiber optic networks. With powerful stock support, these products are always by your side with suitable price and performance under the UpTech brand.



LAN Switch Solutions

- L3 Managed Switch
- L2+ Managed Switch
- L2 Managed GE/FE Switch
- Managed GE/FE Switch
- SFP Module
- PoE Injector

Industrial Switch Solutions

- L2/L2+ Managed DIN-Rail Switch
- L2/L2+ Managed DIN-Rail PoE Switch



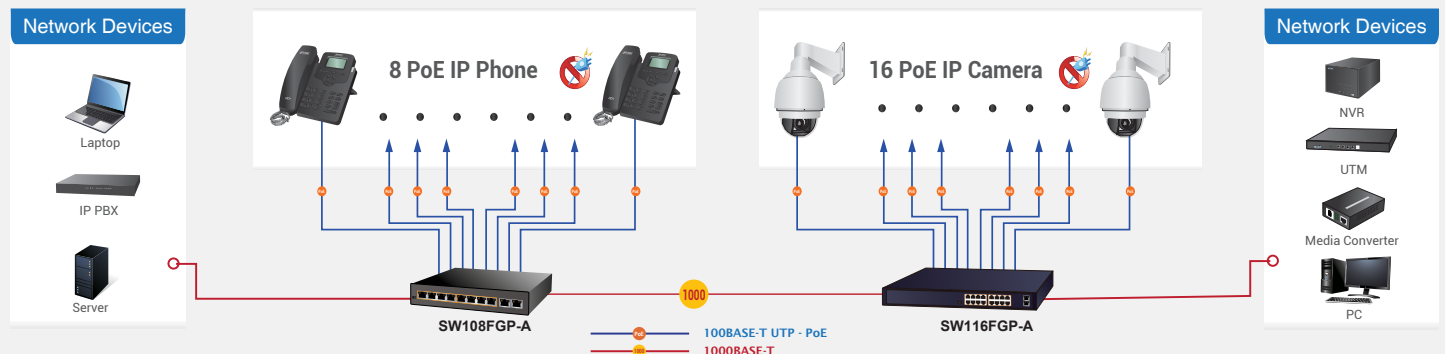
Video / Media Converter Solutions

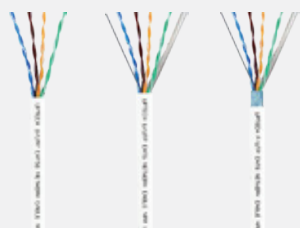
- AHD and Analog Models
- 2, 4, 8, 16 Video + 1 Data
- 4x Simplex Contact Closure
- SM / MM 100FX Fiber
- SM / MM 1000 LX / SX Fiber
- SM WDM Fiber Converter

Patch Panel Solutions

- CAT6, CAT5e
- UTP, FTP
- 24, 48 Port
- 8x 25 Port Panel
- ISDN 50 Port
- TIA/EIA 568-B.2, ISO/IEC 11801
- 3µ Gold Plated Contacts

upTech PoE Ethernet Switch Applications





Network Cable Solutions

- CAT6, CAT5e
- UTP, FTP
- 305m
- TIA/EIA 568-B.2, ISO/IEC 11801



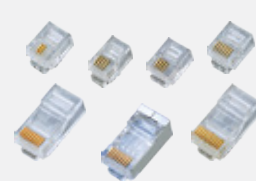
Patch Cable Solutions

- CAT6, CAT5e
- UTP, FTP
- 0.17, 0.30, 0.60, 1, 2, 3, 5, 7, 10, 20, 30m
- TIA/EIA 568-B.2, ISO/IEC 11801



Keystone Jack Solutions

- CAT6, CAT5E, CAT3
- UTP, FTP
- Panel Type Caps
- EIA/TIA 568 Standard Compatible
- 3μ Gold Plated Contacts



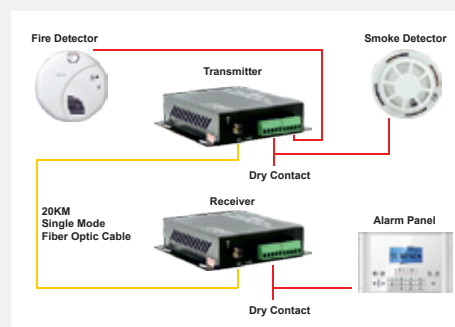
Modular Plug Solutions

- CAT6, CAT5e
- EIA/TIA 568 Standard Compatible
- 3μ Gold Plated Contacts

Dry Contact Transmission over Fiber Optic



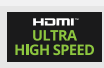
- Dry contact transmission over fiber
- Multi-mode Fiber: up to 2 km
- Single-mode Fiber: up to 20 km
- LED indicators and easy monitoring
- EMI and RF noise immunity
- Stand-alone and rack-mount models available
- 2-channel ASCII data, CWDM model, hot-swap function
- Industrial-grade casing, complies with standards
- Used in pairs (one device as TX, the other as RX)
- Continuous optical dry contact transmission without extra adjustment



Audio & Video Solutions

With the increasing demand for the transmission of audio and video traffic, high-bandwidth cables have become essential. These cables are needed to transmit data between different points over long distances reliably, ensuring uninterrupted connections for consumers and users. This requires continuous investments in new technologies and products by brands and manufacturers.

For delivering visual content at high quality and resolution, upTech offers various cable and equipment solutions for distribution, switching, routing, and management across different points.



HDMI Cable Solutions

- Ultra HD 8K HDMI 2.1v Cable
- Ultra HD 4K HDMI 2.0v Cable
- HDMI 1.4v Cable
- Fiber Hybrid HDMI Cable
- 1, 1.8, 3, 5, 7, 10, 15, 20, 25, 30, 40, 50, 60, 100m



DisplayPort Cable Solutions

- DisplayPort 1.2v Cable
- 1.8, 3, 5, 10m



DVI Cable Solutions

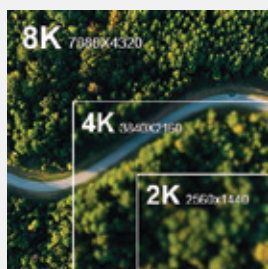
- DVI Cable Series
- 1.8, 3, 5, 7, 10, 15, 20m



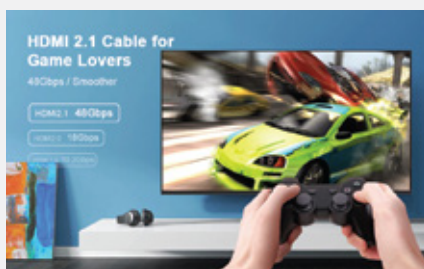
VGA Cable Solutions

- VGA Cable Series
- 1.8, 3, 5, 7, 10, 15, 20, 25, 30, 40, 50, 100m

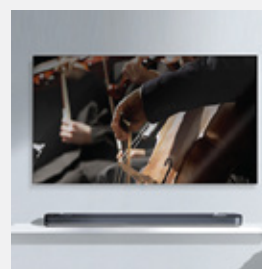
8K ULTRA HD 7680x4320



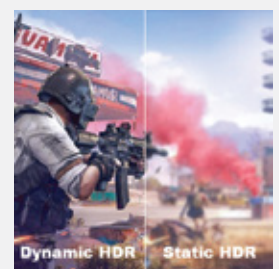
8K ULTRA HD 7680x4320



48Gbps Bandwidth



Enhanced Audio Return Channel (eARC)



Dynamic HDR



Splitter / Switch Solutions

- HDMI Splitter 2, 4, 8, 16 Port
- HDMI Switch 3, 5 Port
- 2, 4, 8 Port VGA Splitter
- USB HUB 4 port
- 1x4/8 AV Splitter
- 4 in - 1 Out AV Switch
- SDI Splitter / Switch



Matrix Switch Solutions

- HDMI 2x6 Matrix
- HDMI 4x4 Matrix
- HDMI 2x8 - 8x8 Matrix 4K
- HDMI Matrix 4K
- HDMI 4x2 - 4x4 Matrix 4K
- VGA 4X4 - 8X8 Matrix Switch
- 2x2 Video Wall Controller
- HDMI Video Capture



KVM Switch / Extender Solutions

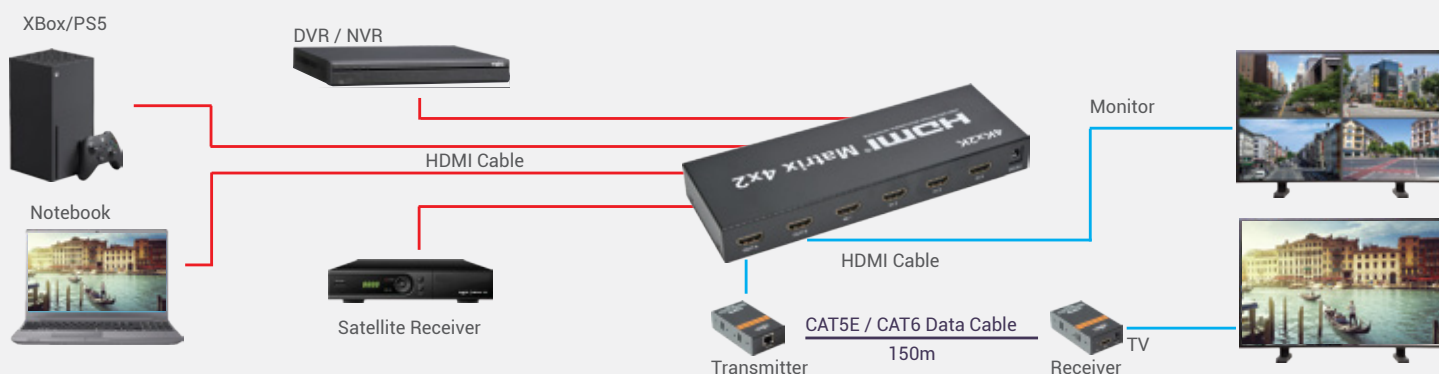
- HDMI 4K 60, 100, 120, 150m
- HDMI Fiber Extender - 20 KM
- DVI Extender 100m
- VGA Extender 100, 300m
- USB 2.0v Extender 50, 100m
- HDMI 4x1 Quad KVM Switch
- USB+HDMI KVM Switch 2,4,8 Port
- 2,4,8 Port KVM Switch



Video Converter Solutions

- AHD/TVI/CVI to HDMI/VGA/CVBS
- VGA to Video Converter
- VGA+USB to HDMI Converter + Audio
- AV to HDMI Converter 1080P
- HDMI to VGA + Audio Converter
- HDMI to AV Converter
- USB 2.0 VGA Converter
- SDI to HDMI Converter

HDMI Matrix Switch



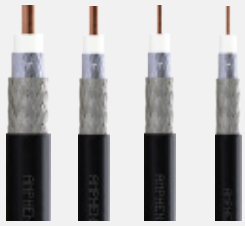
Amphenol

Sound, Light, RF Cable & Connector Solutions

Amphenol is one of the largest manufacturers in the world. Producing approximately 12 million different products, the company serves Military, Commercial Aviation, Industrial, Automotive, Mobile Devices, IT & Datacom, and Telecommunication markets globally.

In Turkey, since 2010, Amphenol has been represented in the Military, Commercial Aviation, Industrial, and Telecommunication markets by our company as the official distributor. Within this scope, we offer Amphenol RF and Amphenol TFC products.

Amphenol provides professional solutions for military, telecommunication, and wideband RF applications, drop cables, semi-flex cables, RF connectors, and accessories. As the inventor of SMA connectors, Amphenol offers innovative products and technologies with wide frequency ranges, maintaining its position as a global market leader.



LMR Cable Solutions

- LMR600
- LMR400
- LMR240
- LMR195



Coaxial Cable Solutions

- 1/4" SuperFlex
- 1/2" SuperFlex
- 1/2" Feeder
- 7/8" Feeder
- RG213U RG11
- RG58, RG59F
- RG316, RG174U, RG179U
- HD Video Cable
- RG6 Three Shield



RF Connector Solutions

- RG213
- RG316 – RG174
- RG58
- RG6
- N Connectors
- 7/16 Connectors



Socapex SL Connector Solutions

- SL Series
- Cable Type
- Panel Type

Broadband Solutions



Broadband (cable, DSL, ISDN, and corporate LAN) refers to data transmission over a single channel. GSM operators, businesses, and consumers expect high-speed internet access through advanced protocol services. Fiber cables provide stable, high-speed internet and support both indoor entertainment and professional applications.

The backbone of this market consists of operators, cable providers, and satellite systems. Amphenol RF offers connector solutions such as HFC broadband that meet the needs of high-quality, low-loss, weatherproof connections. These connectors are IP67 and IP68 rated and designed for outdoor use in demanding environments.



XLR, RCA Connector Solutions

- XLR Connectors
- Mini XLR Connectors
- 6.3mm Jack Plugs
- 3.5mm Jack Plugs
- RCA Plugs



Speakon, HP Power Connector Solutions

- HP Power Connectors
- Speakon Connectors
- XLR Net Connectors
- Amphe-Dante Cables



Multipin, Thermoplastic Connector Solutions

- EP Thermoplastic Connectors
- AR Thermoplastic Connectors
- 13, 19, 25, 37, 54, 85, 150 Pin Male, Female, Panel, Base Types



Audio Cable Solutions

- Stereo Microphone Cable
- Mono Microphone Cable
- 3 Pin XLR Female – 6.3mm Male
- 6.3mm Male – Male
- 3 Pin XLR Male – Female

Amphenol Audio



Amphenol
Audio

RF Connector Solutions

upTech's standard, customizable, or fully specialized reliable RF Solutions are always compatible with the performance requirements of your mission-critical systems. In the communication industry, whether wired or wireless, optical or electromagnetic systems, transmitting information, signals, messages, writings, images, and sounds over long distances requires reliable RF cable and connector solutions.

upTech offers a wide range of RF connectors (BNC, MINI BNC, F Type, SMA, SMB, SMC, N Type, TNC, RP-TNC, SMP, Mini-SMP, MCX, MMCX), RF cable kits, RF adapters, antenna series, and other specially manufactured connectors with extensive stock availability. These are designed for telecom, camera security systems, automotive, medical, military, and aerospace applications, providing a broad range of connection solutions.



BNC Connector Solutions

- HD BNC Male Crimp
- BNC Female Crimp
- Mini BNC Male Crimp
- BNC Nickel Screw Type
- BNC Silver Screw Type
- BNC Female Chassis
- BNC Adapters
- BNC Boot
- RG174/316/58/59/6/11/213
- LMR240/400/600, RP, Screw On Type, 90°C



TNC Connector Solutions

- TNC Male Crimp
- TNC Female Crimp
- TNC Adapters
- TNC Female Chassis
- RG58/59/213
- LMR240/400/600, RP, Screw On Type, 90°C



N Connector Solutions

- N Male Crimp
- N Female Crimp
- N Male Screw
- N Female Chassis
- N Adapters
- RG174/58/59/213/214
- LMR240/400/600, RP, Screw On Type

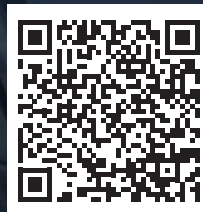


SMA Connector Solutions

- SMA Male Crimp
- SMA Female Crimp
- SMA Female Chassis
- SMA Adapters
- RG174/316/58/213
- LMR240/400, RP
- PCB Type, 90°, 180°
- Gold Plated

RF Connector Frequency Table

40 GHz	26 GHz	18 GHz	12 GHz	8 GHz	4 GHz	2 GHz	1 GHz	UHF
APC - 2.4	APC - 3.5	APC - 7	SSMB	7/16	BNC	AFI 75Ω	1.6 / 5.6	UHF 300 MHz
SMP		QMA	C	AFI 50Ω	HN	TYPE - F		
		SMA	TNC	AMC	MINI - BNC	TYPE - G		
		TYPE-N	1.0/2.3	MCX	SMB	MINI 75Ω SMB		
			SMC	MMCX				



F Connector Solutions

- F Male – RG6
- F Male Mini – RG11
- F Male – RG6 U6
- Male-to-Male Quick Adapters
- F Male RG6 Crimp
- F Male RG11 Crim



UHF Connector Solutions

- UHF Twist-on Male
- UHF Male Crimp
- UHF Adapters
- UHF Female Chassis
- RG58/213
- LMR240/400/600 Screw On Type



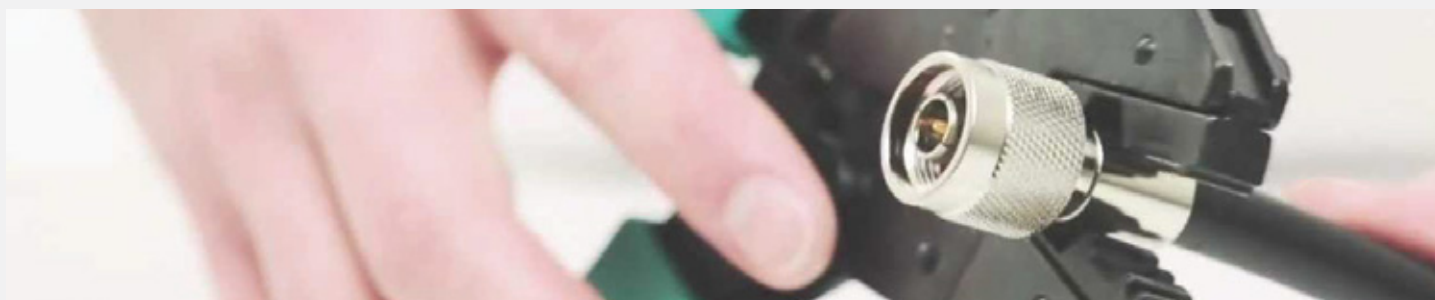
SMB / MCX / MMCX Connector Solutions

- SMB Male Crimp – RG174
- SMB Female Crimp – RG174
- MCX Male Crimp – RG174
- MCX Female Crimp – RG174
- MMCX Male Crimp – RG174
- MMCX Female Crimp – RG174
- Gold Plated



Telecom Connector Solutions

- SMZ Male Crimp – RG179
- 1.6/5.6 Plug 90° Clamp Tip RG179
- 1.0/2.3 Male 90° Crimp – RG174 – RG316
- 1.0/2.3 Male (Push–Pull) – BNC Female
- 1.6/5.6 Female / Male / Female Y Type
- 1.6/5.6 Female / Male Adapters



Test Devices & Hand Tools

Goldtool, founded in 1990 in Taiwan, continues to produce hand tools and test devices at its Taiwan-based production facilities. Its main products are Test Devices and Hand Tools. With hundreds of product types, it appeals to technical service teams and field users involved in electronics, electricity, IT, telecommunications, and hobby applications.

Since 2010, the Goldtool brand has been the favorite of both professional and individual users in Turkey, thanks to its self-developed designs and unique solutions that meet market needs.



IPC Test Devices

- Multifunction Test Devices
- IP, AHD, HDCVI, HD-SDI, HDTV Camera Test
- Digital Multimeter
- Optical Power Meter (F/O Test)
- PoE Test
- Data Cable Test



Fiber Optic Test Devices

- Fiber Control Tester
- Fiber Signal Direction Tester



Data and Telephone Test Devices

- Network Cable Tester
- Telephone Cable Tester
- USB Cable Tester
- Tone Generator and Cable Tracer



Data Termination Hand Tools

- EZ Connector Crimping Tool
- RJ45 Crimping Tool
- RJ10/RJ11/RJ45 Crimping Tool
- IDC D-Sub Crimping Tool
- Punchdown Tool
- CAT6A/CAT7 Plug Crimping Tool
- Cable Stripper and Cutter

7-in-1 Multifunctional Professional IP & Analog Camera Tester





Telephone Termination

Hand Tools

- Telephone Punchdown Tool (Keystone)
- RJ9, RJ10 Crimping Tool
- RJ11, RJ12 Crimping Tool



F/O Termination

Hand Tools

- F/O Connector Crimping Tool
- F/O Cable Cutter
- F/O Tube Stripper
- F/O Core Stripper
- F/O Cable Scissors
- SC/ST/FC/LC Cleaner



Coaxial / RF Termination

Hand Tools

- 2-Blade Coaxial Cable Stripper
- SMA, SMB, SMC Crimping Tool
- MCX, MMCX Crimping Tool
- RG174, RG213, LMR Crimping Tool
- RG58, RG59, RG62 Crimping Tool
- F/BNC/RCA Crimping Tool
- F, BNC Connector Removal Screwdriver



Other

Hand Tools

- Mini Screwdriver Set
- Round Nose Pliers
- Long Nose Round Pliers

RJ45 EZ Plug & MPC Tool

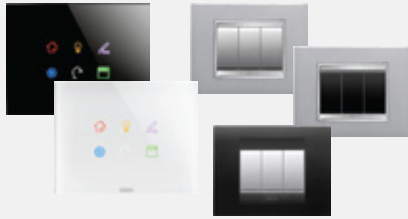
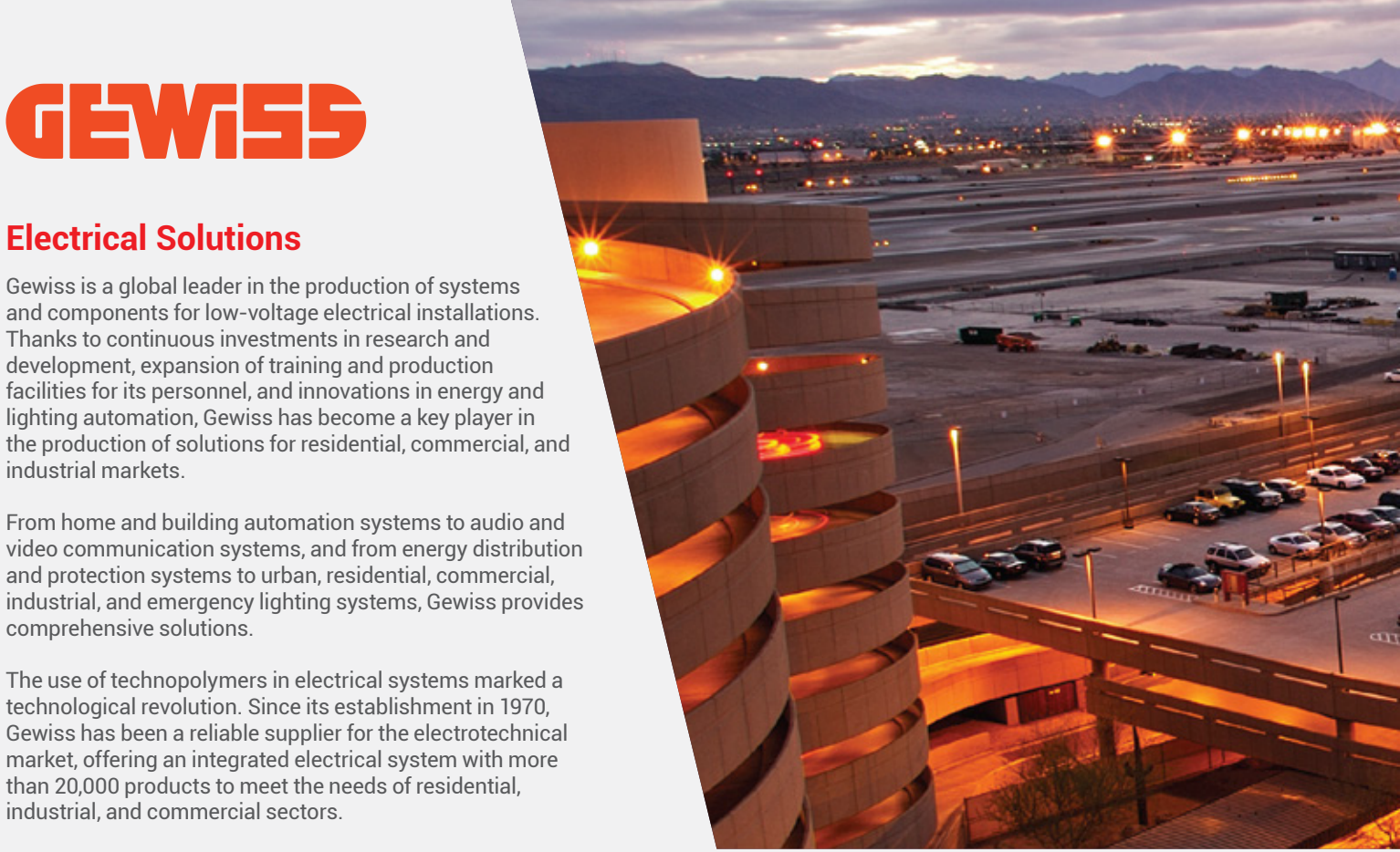


Electrical Solutions

Gewiss is a global leader in the production of systems and components for low-voltage electrical installations. Thanks to continuous investments in research and development, expansion of training and production facilities for its personnel, and innovations in energy and lighting automation, Gewiss has become a key player in the production of solutions for residential, commercial, and industrial markets.

From home and building automation systems to audio and video communication systems, and from energy distribution and protection systems to urban, residential, commercial, industrial, and emergency lighting systems, Gewiss provides comprehensive solutions.

The use of technopolymers in electrical systems marked a technological revolution. Since its establishment in 1970, Gewiss has been a reliable supplier for the electrotechnical market, offering an integrated electrical system with more than 20,000 products to meet the needs of residential, industrial, and commercial sectors.



Anahtar Solutions

- International frames
- Residential GEO frames
- Titanium modular mechanisms
- Flush-mounted junction boxes and modular mechanisms
- Building Automation KNX BUS
- Wireless Switches ZigBee® Series



E-Mobility Solutions

- JOINON Electric Vehicle Charging Station I-ON up to 22 kW
- JOINON Electric Vehicle Wall Box I-CON up to 22 kW
- I-ON HYPER DC Electric Vehicle Charging Unit up to 75 kW

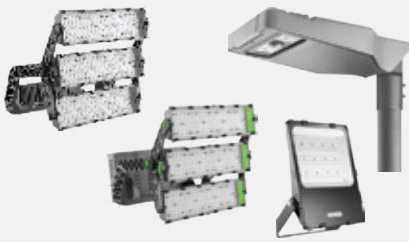
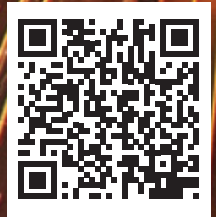


Building Solutions

- Sockets and plugs according to IEC 309 standards
- ACS distribution panel systems for construction sites
- Flush-mounted and surface-mounted junction boxes and modular mechanisms for weak current systems
- Enclosures and flush/surface-mounted boxes for safety systems
- Distribution panels and enclosures for special standards
- Metal flush-mounted junction boxes

JoinOn Electric Vehicle Charging Applications





Lighting Solutions

- Street lighting LED fixtures
- Street lighting accessories
- High-power aluminum projectors
- Stadium lighting
- Architectural projectors
- LED lighting fixtures
- Protected ceiling-mounted lighting fixtures
- LED panel lighting



Power Solutions

- Automatic residual current (RCD) devices
- Circuit protection modules and compact circuit breakers
- Modular circuit breakers for residual current protection
- Photovoltaic system products
- Panel circuit breakers
- Removable frames and distribution panels up to 160 A



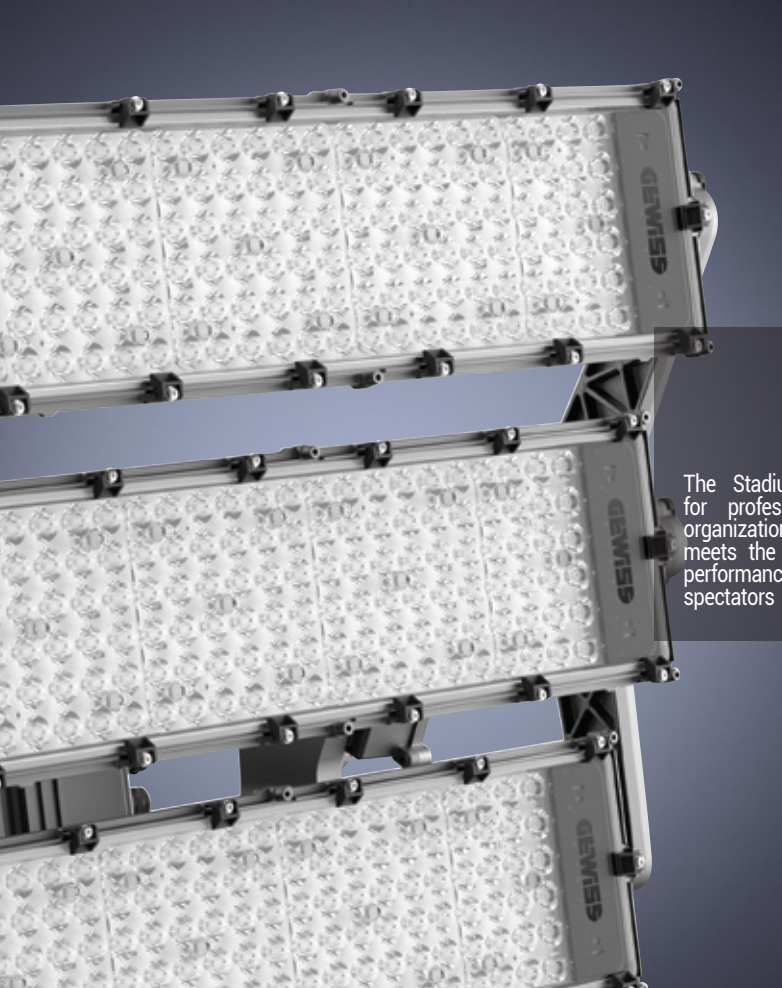
RESTART teknolojisi

What is Restart Technology?

The Gewiss Restart series automatically restores power in your electrical installation when a residual current trip occurs. It cuts off the power in case of a fault and retries indefinitely until the issue is resolved, without requiring manual intervention to reactivate the system.

Gewiss Ceiling Lighting & Restart Autotest Solutions





STADIUMPRO

The Stadium PRO series is designed for professional sports facilities and organizations that host competitions. It meets the highest standards of lighting performance, providing both athletes and spectators with superior visual comfort

through LED projectors. For referees, players, and camera operators, Stadium PRO offers perfect light distribution horizontally and vertically to ensure optimal visibility and high-quality broadcasting.



STADIUMPRO



MODULARITY

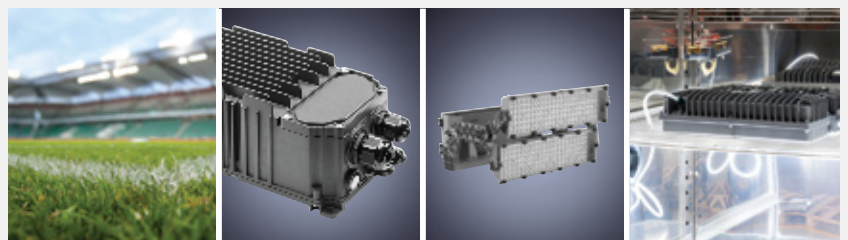
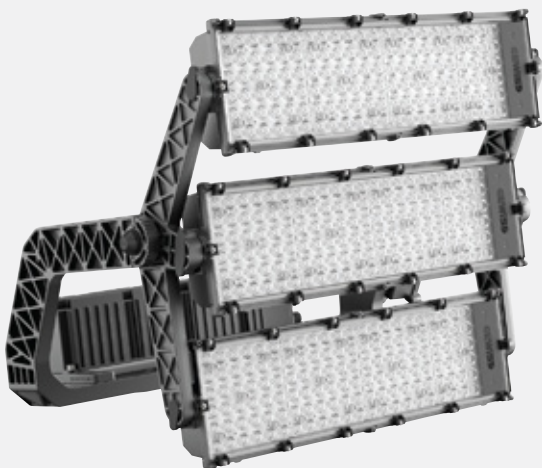
The new Stadium PRO series LED projectors are designed based on optical modules that maximize LED lighting performance in terms of efficiency and ease of use, thanks to their special arrangement that optimizes natural light loss.

FILEXIBILITY

To meet the needs of top-level facilities using the latest technologies, these projectors feature a precisely designed modular optical system. This allows for perfect light control, guaranteeing excellent brightness and professional lighting without compromise.

CONNECTIVITY

The Stadium PRO series enables INTERACTIVE communication systems designed for maximum flexibility and functionality in lighting control for sports facilities. Thanks to IoT technologies, it is possible to manage consumption and lighting in a fast and efficient way.





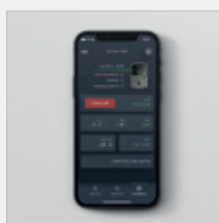
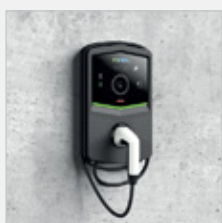
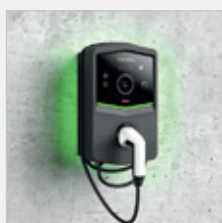
JoinOn is a user-oriented solution. Joining is the perfect answer to all the requirements of an increasingly eco-dynamic and eco-sustainable lifestyle.

GEWISS



JOINON

JoinOn is a user-oriented solution designed to meet all the needs of an increasingly eco-dynamic and eco-sustainable lifestyle.



I-CON



I-CON PREMIUM



I-ON WALL



I-ON



1

EASY TO USE

JoinOn Domestic Solutions offers intuitive ease of use: with "plug & play" mode, charging settings can be changed quickly, and users can manage operations through a simple interface.

2

DYNAMIC LOAD MANAGEMENT

Thanks to the DLM function, the charging station can read consumption and prevent overloads by dynamically adjusting the electrical current delivered to the vehicle, ensuring optimal charging management.

3

MAXIMUM PROTECTION

Equipped with devices that comply with international standards, JoinOn charging stations are designed to protect users from electrical faults and ensure safe operation.

4

JOINON APP

The JoinOn App uses Bluetooth technology to plan charging sessions, monitor operations and charging history, and update station functions continuously, ensuring the latest features are always available.

Dotted lines for note-taking.





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