

#smartconnection



# LANactive Industry

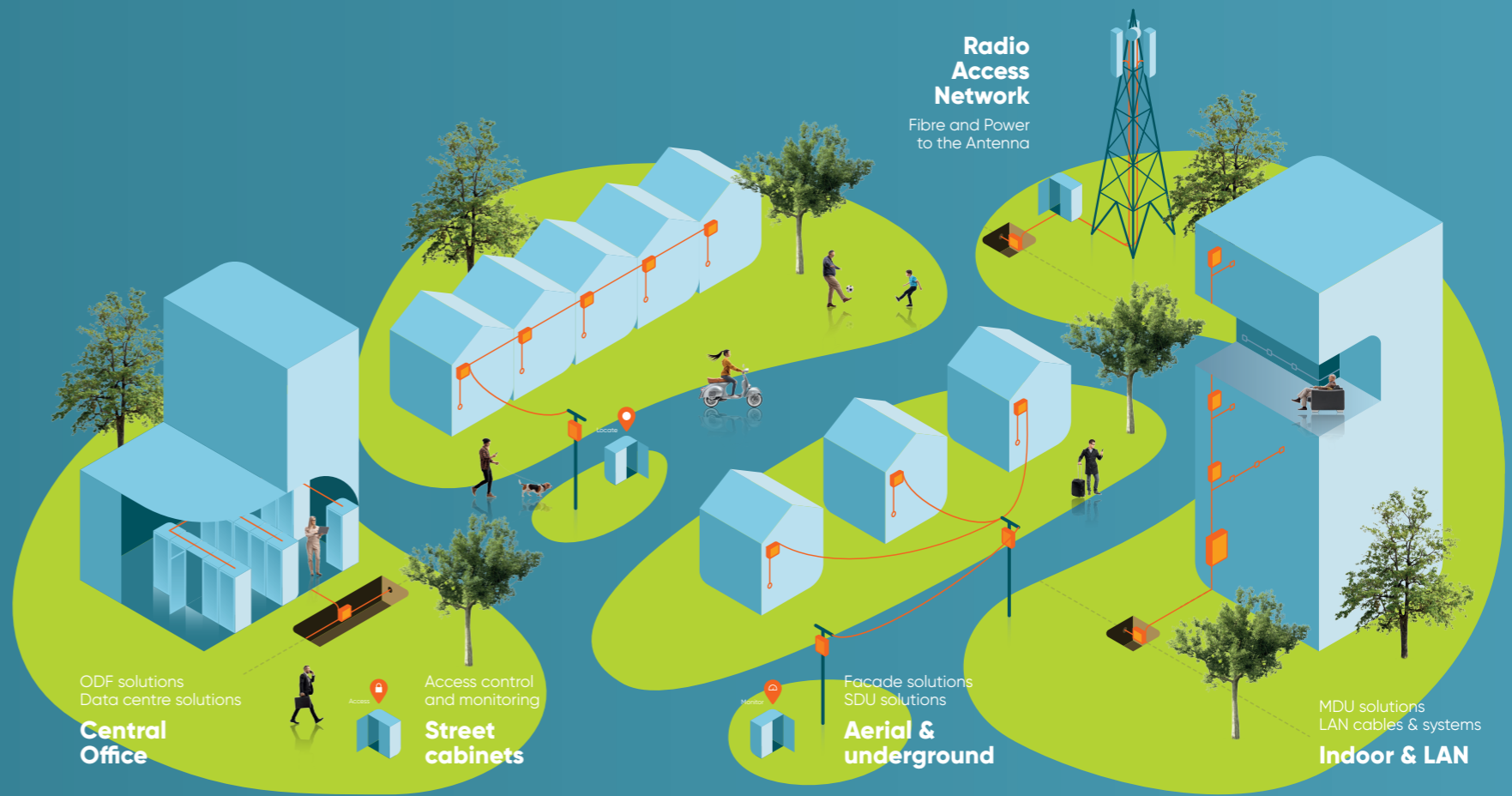
## Catalogue

[www.aginode.net](http://www.aginode.net)



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## Make #smartconnections with Aginode.

Aginode, formerly Nexans Telecom Systems, designs & manufactures connectivity solutions for digital networks in FTTx, Mobile, LAN & Data Centre markets. Our goal: to enable the infrastructure which delivers applications that make lives more connected, productive, and enjoyable; today and in future.

Our international teams have over 30 years proven track record of developing, implementing, and servicing advanced infrastructure solutions, with Aginode's diverse product range under our brand names:

- **LAN & Data Centres:** LANmark™, LANsense™, LANactive
- **FTTx & Mobile:** XPLOER™, BRIGHTBOX™, INFRABIRD™, UPSKY™

With a state-of-the-art industrial footprint and recognised technological know-how in Europe, Middle East, North-West Africa, and Asia, Aginode is a key player in digitalisation and connectivity.



# High uptime and lifelong reliability in mission critical applications and harsh environments

Any application in which an infrastructure failure could result in damage or has a serious impact on the business may be considered mission critical. Mission critical applications are not limited to transport, traffic monitoring, oil & gas, Smart Grids, electrical substations, or wind turbines, but might also include IP video surveillance and security in cities or on campuses.

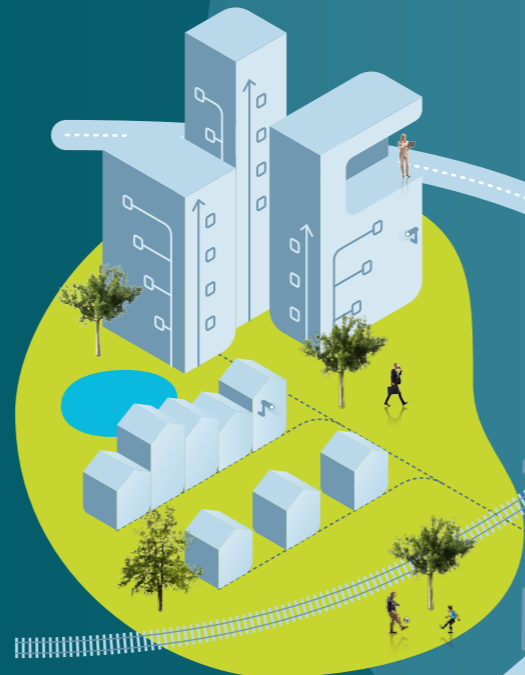
Network infrastructure in these applications must operate under the harshest conditions. Performance can be affected by, for example, extreme temperatures, chemicals, ingress, interference, vibration or moisture. However, the infrastructure should have no failures or downtime, as this could result in severe damage or even loss of life. That's why infrastructure and components for mission critical applications need to meet far higher requirements than a standard network for offices.

Design must be compact and robust, equipment should offer high redundancy in areas such as data transmission and power and guarantee high levels of availability and security. Compliance with specific industry standards is vital, as are advanced solutions for ongoing monitoring. A large number of 'non-traditional' devices are currently being connected to networks and these need to be monitored and managed by SCADAs. As large areas are covered, the network must be managed and maintained in a smarter way than ever before, using a centralized approach.

## Airports



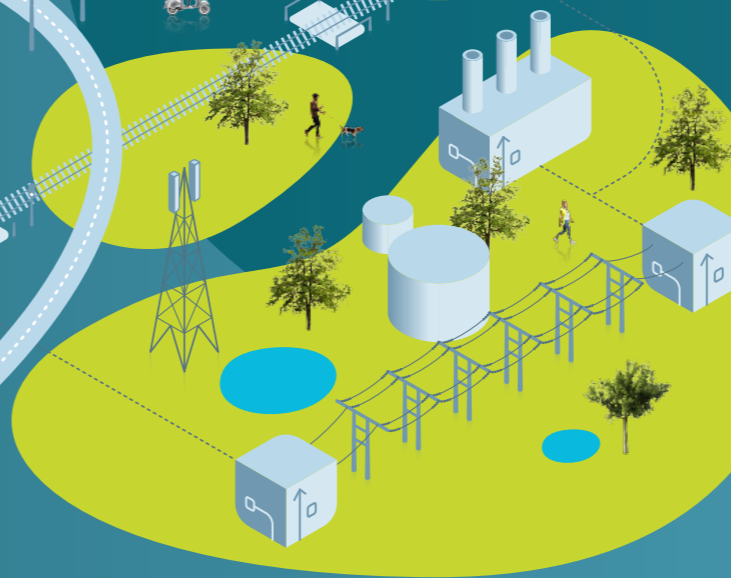
## Video surveillance



## Harsh environments



## Smart Grids



### Meeting Real-Life requirements with Aginode LANactive Industry solutions

Since 1985 Aginode is developing and manufacturing manageable FTTO as well as industrial switches for harsh environment and mission critical applications. Industrial switches and accessories are the core of our industrial offering. LANmark Industry copper and fibre cabling has been developed to meet the high standards, transmission demands and environmental requirements of mission critical applications.

Aginode also provide easy and intuitive solutions, based on a management software platform, for centralized configuration and management of large networks. Thousands of switches may be operated by a single employee.

Aginode LANactive offering is rounded off with a wide range of support and training services, with access to a global expert and service network through a single point of contact.

**Aginode makes sure your network keeps going, under any circumstances.**

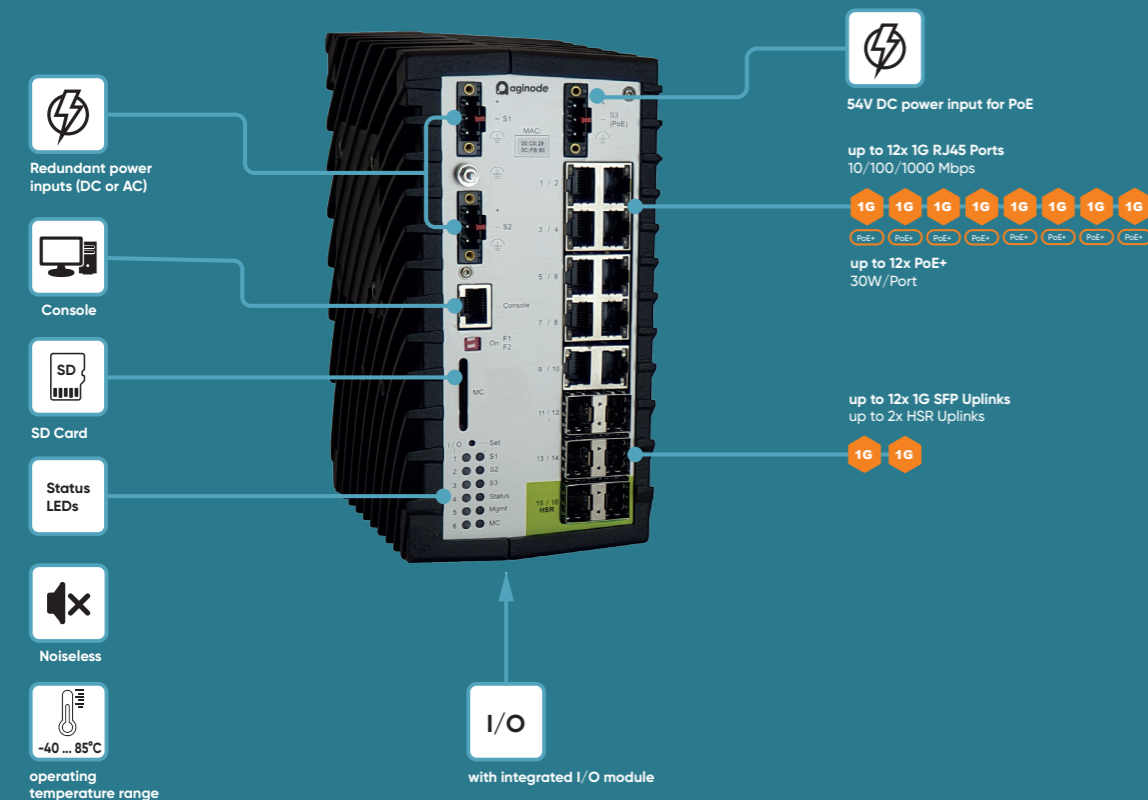
### Aginode LANactive Industry solution

- Intelligent industrial switches designed for harsh environment applications
- Extensive portfolio for copper and fibre cabling including industry grade variant
- Integrated, centralised configuration and management platform
- First class support services
- 5 years warranty for industrial switches

# iGigaSwitch Series Managed Industrial Ethernet switches

Aginode managed Industrial Ethernet family is part of Aginode LANactive Industry product portfolio and designed for installing robust and reliable networks in harsh environments.

LANactive Industry iGigaSwitch family is designed to provide maximum network availability, security, longest lifetime in harsh environments and making the network maintenance easier. The iGigaSwitch family provides great flexibility in network design – it has up to 16 Gigabit ports and up to 12 SFP ports. The iGigaSwitch is designed for DIN-Rail mounting and comes with an external power supply to operate in the needed power range.



## I/O Interfaces

The I/O interfaces of the iGigaSwitch allows a fast, simple and low-cost integration of non-IP based devices directly e.g. different sensors, controllers, buttons etc. The iGigaSwitch is offering extensive management functionalities with interactions, sending of messages as well as the activation of alarms.

## PoE/PoE+/PoE++

Up to 12x connected Ethernet devices can be supplied with Power over Ethernet according to IEEE 802.3at (PoE+) with up to 30 watts per port and a total budget of 360 watts. The iGigaSwitch 1004 E+ SFP-4VI HW5 is able to provide PoE++ according to IEEE 802.3bt, with 90W (Type 4) per port and a total budget of 540W per switch.

## IEC 61850

Aginode iGigaSwitch family comply to IEC 61850 requirements (parts 6, 7-1, 7-2, 7-3, 7-4, 8-1, 9-1 and 9-2 Communication networks and systems for power utility automation). This functionality is critical for Smart grid and allows to use standardized equipment to ensure correct and reliable communication of all networked devices of Smart grid infrastructure (including switches, PLCs, different controllers, sensors etc.) with each other and with central SCADA. The compliance is tested and confirmed by KEMA/DNV-GL.

## Easy maintenance

There is an extensive range of Industrial Ethernet switch functionalities to make the network maintenance much easier. In many cases, network infrastructures are scattered over wide areas – Smart grid, industrial of infrastructures sites, oil&gas application, IP video surveillance and security systems in campuses or cities, etc.

Aginode switches have an extensive diagnostic functionality to provide a wide range of information about their condition, temperature, power level, ports usage, PoE and many others. Alerts can be defined for many parameters to automate IT maintenance processes.

The cable diagnostic function of Aginode industrial switches ensures an easy and fast localisation of possible faults on the connected Twisted Pair copper cables. An identification of short circuits, interruptions, impedance mismatches or reversals can be localised up to the meter via the management feature.

By using SFP modules with Digital Diagnostic Monitoring Function in our Aginode iSwitch systems you are able to monitor the optical parameters (optical input power, optical output power, laser bias current) and to recognize upcoming problems with the fibre optic link at an early stage!

SD cards with unique MAC address – this option makes network maintenance easier by simplifying several processes like switches setup and replacement. This option will help to utilize the IT staff resources smarter and more efficient.

LANactive Manager (Aginode switch configuration and management platform) is an easy-to-use intuitive and efficient solution to supervise, manage and configure for Aginode switches.

## Interoperability

Aginode Industrial Ethernet switches offers tested and approved interoperability, including its proprietary protocols, with a wide range of manufacturers, including Cisco, HP, Alcatel Lucent (Nokia), Extreme Networks, etc.

In addition Aginode Industrial Ethernet switches:

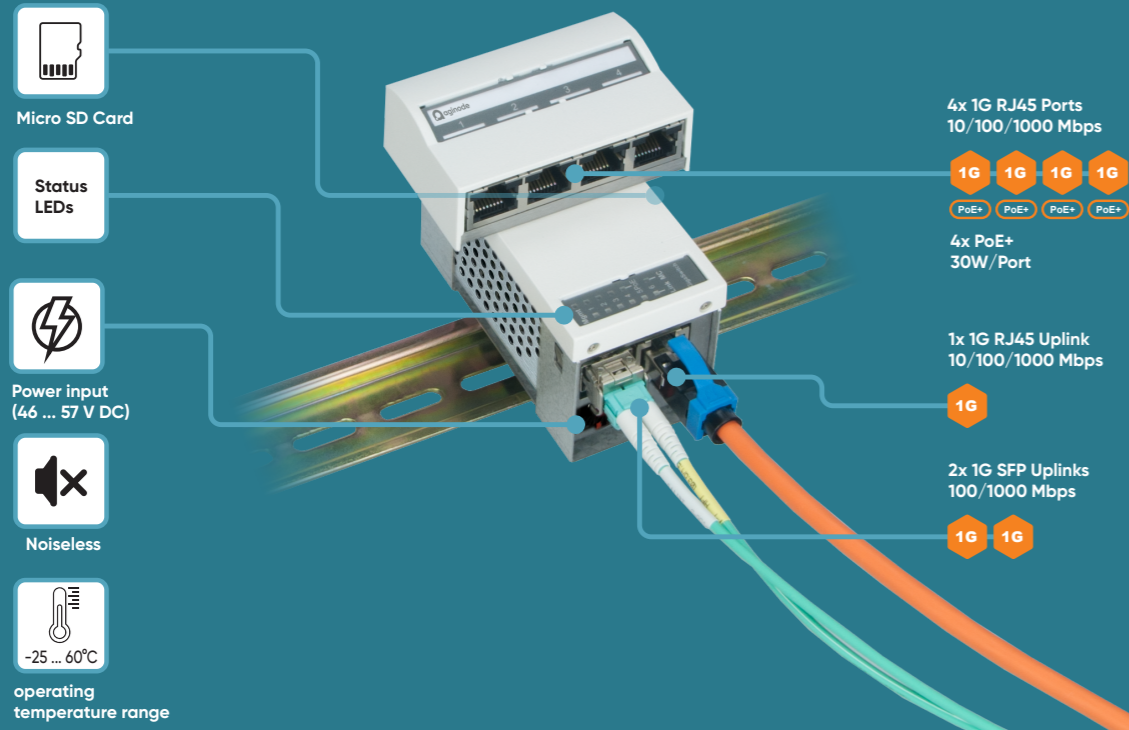
- support CDP (Cisco Discovery Protocol) and LLDP protocols
- are compatible with Cisco Secure Access Control Server ACS
- Aginode iGigaSwitch family can operate in various SCADAs.

## Management

- WEB/SNMP/SSH/V.24 management
- Enhanced security features by providing controlled access to the management data through different authentication levels, port security and encrypted communication (SCP, SSHv2, HTTPS, RADIUS, SNMPv3, IEEE 802.1X etc.)
- Integration to any SNMP based management platform
- Easy configuration of large number of switches via LANactive Manager (administration tool)
- IPv6 according to IPv6 Forum phase 2 core specification

# GigaSwitch IND Series Managed Industrial Ethernet switches

Aginode LANactive GigaSwitch V5 IND series is designed for the installation in industrial environments. The latest generation of switches is equipped with a state-of-the-art network processor and provides enhanced performance, security and redundancy functionality.



## 7 Port Version

The GigaSwitch version with seven ports is part of the latest V5 series. This special variant with three uplink ports allows a redundant connection of the GigaSwitch via fibre optic. The RJ45 uplink can be used for connecting an additional Wireless LAN Access Point. All uplinks support Link Aggregation for providing redundancy and double bandwidth up to 2Gbps.

## Snap-In Installation and DIN-Rail Installation

The very compact design of the GigaSwitch allows a tool-less snap-in installation into the standard 45 mm cable duct systems or floor boxes without special mounting accessories. The special mounting clip allows also a DIN-Rail installation.

## Power over Ethernet

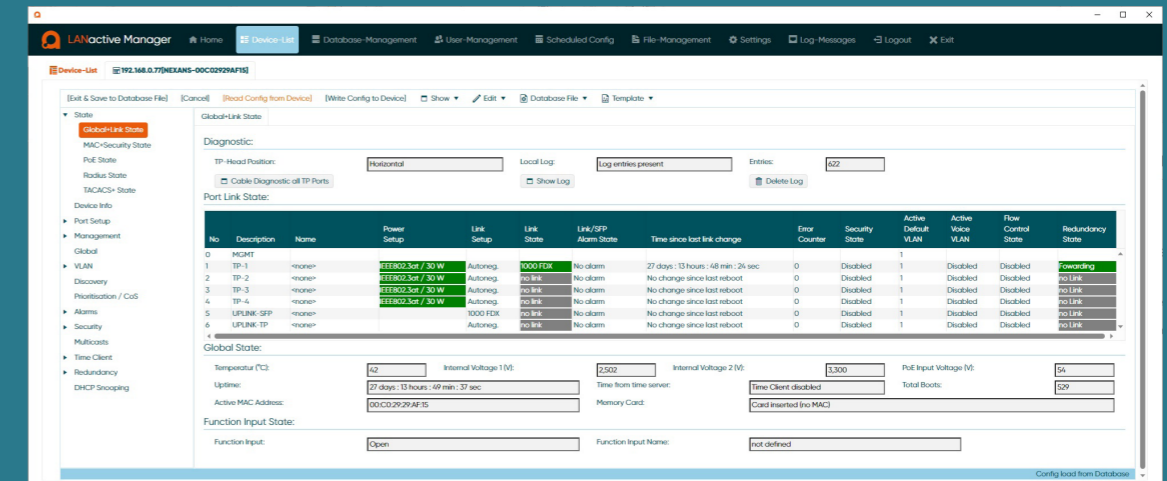
Up to 5x connected Ethernet devices can be supplied with Power over Ethernet. According to the latest IEEE 802.3at (PoE+) standard, up to 30 watts per port are available for each connected device, with total budget of 150 watts.

## Memory Card

The optional memory card automatically saves the complete current configuration and firmware of the device. In case of failure, this feature allows an easy exchange of the hardware without additional configuration. In addition, each memory card can be delivered with its own MAC address that is adopted by the switch.

# LANactive Manager

LANactive Manager provides an easy, comfortable and secure solution for configuration, management and supervision of Aginode LANactive switches.



All LANactive switches (FTTO, DICE and Industry) can be managed via LANactive Manager.

## Accurate view with intelligent device lists

Categories can be defined according to a tree structure and devices can be assigned using Drag & Drop. Any number of device lists can be created, arranged in different groups, sorted by IP address, MAC address, device name and software version, or imported from environments such as XML, CSV or from a database. Counting and labelling according to category are also possible, along with various viewing options and creation of Excel or XML inventory lists. The device list is automatically updated through polling and changes are highlighted.

## Software Packages

LANactive Manager is available as a standalone version and used as a desktop application for single or multiple users. This installation is perfect for on-site network engineers who are connected locally.

## LANactive Manager Client-Controller

LANactive Manager Client-Controller is a client-controller software architecture that is optimised for large installations with hundreds or thousands of switches. It allows simultaneous access from different clients via client software or web interface and supports the fully automated configuration process Zero-Touch Configuration.

The LANactive Manager Client-Controller is available for Windows and Linux operating systems.

## Zero-Touch Configuration

Aginode LANactive Zero-Touch Configuration is a contemporary way of designing, building and operating networks with minimum effort. The use of LANactive Manager together with LANactive switches ensures networks are flexible and scalable.



# iGigaSwitch Systems

## iGigaSwitch 10xx (18 ... 60V DC)

- 10 ports in total, variable number of SFP ports
- Up to 8 PoE+ ports with max. 240W power budget
- Up to 6 PoE++ ports with max. 540W power budget
- Built-in I/O module with 2 input and 2 output ports
- Wide operating temperature range, -40 ... +85°C
- Wide input power range, 18 ... 60V DC



Reference	Description
88306422	<b>iGigaSwitch 1002 E+ SFP-2VI HW5</b> RJ45 Ports: 8x 10/100/1000 Mbps SFP Ports: 2x 100/1000 Mbps
88306424	<b>iGigaSwitch 1004 E+ SFP-4VI HW5</b> RJ45 Ports: 6x 10/100/1000 Mbps SFP Ports: 4x 100/1000 Mbps
88306428	<b>iGigaSwitch 1008 E+ SFP-8VI HW5</b> RJ45 Ports: 2x 10/100/1000 Mbps SFP Ports: 8x 100/1000 Mbps

## iGigaSwitch 10xx (12/24V DC)

- 10 ports in total, variable number of SFP ports
- Up to 8 PoE+ ports with max. 240W power budget
- Up to 6 PoE++ ports with max. 540W power budget
- Built-in I/O module with 2 input and 2 output ports
- Wide operating temperature range, -40 ... +85°C
- Input power range 10.8 ... 36V DC



Reference	Description
88306442	<b>iGigaSwitch 1002 E+ SFP-2VI 12/24V HW5</b> RJ45 Ports: 8x 10/100/1000 Mbps SFP Ports: 2x 100/1000 Mbps

# iGigaSwitch Systems

## iGigaSwitch 1202 HSR (AC)

- 12 ports in total, 10x RJ45 and 2x SFP ports for HSR
- Optionally with integrated I/O module
- IEC 61850 compliancy is tested and certified by KEMA/DNV-GL
- Wide operating temperature range: -40 ... +70°C
- Wide input power range 90 ... 264V AC or 127 ... 370V DC



Reference	Description
88306432	<b>iGigaSwitch 1202 HSR SFP-2VI AC HW5</b> RJ45 Ports: 10x 10/100/1000 Mbps SFP (HSR) Ports: 2x 100/1000 Mbps

## iGigaSwitch 16xx (18 ... 60V DC)

- 16 ports in total, variable number of SFP ports
- Up to 12x PoE ports with max. 360W power budget
- Optionally with integrated I/O module
- IEC 61850 compliancy is tested and certified by KEMA/DNV-GL
- Wide operating temperature range: -40 ... +85°C
- Wide input power range, 18 ... 60V DC



Reference	Description
88306504	<b>iGigaSwitch 1604 E+ SFP-4VI HW5</b> RJ45 Ports: 12x 10/100/1000 Mbps SFP Ports: 4x 100/1000 Mbps
88306508	<b>iGigaSwitch 1608 E+ SFP-8VI HW5</b> RJ45 Ports: 8x 10/100/1000 Mbps SFP Ports: 8x 100/1000 Mbps
88306512	<b>iGigaSwitch 1612 E+ SFP-12VI HW5</b> RJ45 Ports: 4x 10/100/1000 Mbps SFP Ports: 12x 100/1000 Mbps

## iGigaSwitch Systems

### iGigaSwitch 1606 HSR (18 ... 60V DC)

- 16 ports in total, 10x RJ45 and 6x SFP ports
- 2x SFP ports for Zero-Loss Redundancy (HSR/PRP)
- Optionally with integrated I/O module
- IEC 61850 compliancy is tested and certified by KEMA/DNV-GL
- Wide operating temperature range: -40 ... +85°C
- Wide input power range, 18 ... 60V DC



Reference	Description
88306406	<b>iGigaSwitch 1606 HSR SFP-6VI</b> RJ45 Ports: 10x 10/100/1000 Mbps SFP Ports: 6x 100/1000 Mbps

### iGigaSwitch 1606 HSR (AC)

- 16 ports in total, 10x RJ45 and 6x SFP ports
- 2x SFP ports for Zero-Loss Redundancy (HSR/PRP)
- Optionally with integrated I/O module
- IEC 61850 compliancy is tested and certified by KEMA/DNV-GL
- Wide operating temperature range: -40 ... +70°C
- Wide input power range 90 ... 264V AC or 127 ... 370V DC



Reference	Description
88306476	<b>iGigaSwitch 1606 HSR SFP-6VI AC HW5</b> RJ45 Ports: 10x 10/100/1000 Mbps SFP Ports: 6x 100/1000 Mbps

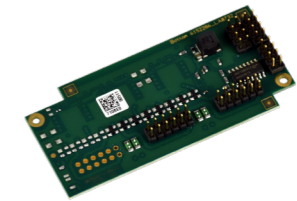
### iOption I/O Digital 4xIn 2xOut 230V for iGigaSwitch 12xx and iGigaSwitch 16xx

Reference	Description
88301623	<b>iOption I/O Digital 4xIn 2xOut 230V</b>

## iGigaSwitch Accessories

### iOption PoE+ or PoE++

The latest Power over Ethernet standard IEEE802.3bt enables the remote powering with up to 90 Watts per port. Equipment like Wireless LAN Access Points, IP-Cameras, Connected Lighting or Smart Building Systems can be supplied with power from the switch directly. The Power over Ethernet functionality can be parametered, controlled and monitored via management.



Reference	Description
88301602	<b>iOption PoE+ 2/4P-30W</b>
88301604	<b>iOption PoE+ 6/8P-30W</b>
88301606	<b>iOption PoE+ 10/12P-30W</b>
88301664	<b>iOption PoE++ 2/4P-90W</b>
88301666	<b>iOption PoE++ 6/8P-90W</b>

### Memory Cards

Aginode memory cards have an integrated and unique MAC address that is taken over by the switch. The memory cards are used as backup location for the current switch configuration and firmware.



Reference	Description
88300692	<b>SD Memory Card with MAC-Address</b> Delivery: Separately in plastic case
88300696	<b>SD Memory Card with MAC-Address plugged</b> Delivery: Pre-installed in the switch

### DIN-Rail Mounting Kit

The DIN-Rail Mounting Kit allows an easy installation of the iGigaSwitch on standard DIN-Rails. The clip is fixed on the backside of the switch.



Reference	Description
88300679	<b>DIN-Rail mounting clip, stainless</b> Colour: Unpainted, stainless-steel
88300681	<b>DIN-Rail mounting clip, ALU</b> Colour: Unpainted, Aluminium

## GigaSwitch IND Systems

### GigaSwitch V5 54VDC IND

- 3 Uplink Ports (2x SFP and 1x RJ45)
- Robust Metal Housing and Compact Hardware Design
- Efficient Energy Management
- Memory Card Slot
- Input voltage range 46 ... 57V DC



Reference	Description
<b>88303960</b>	<b>GigaSwitch V5 TP(PSE+) SFP-2VI 54VDC IND</b> User Ports RJ45: 4x 10/100/1000 Mbps Uplink Ports RJ45: 1x 1000 Mbps PSE(PoE+) Uplink Ports SFP: 2x 1000 Mbps
<b>88303965</b>	<b>GigaSwitch V5 TP SFP-2VI 54VDC IND</b> User Ports RJ45: 4x 10/100/1000 Mbps Uplink Ports RJ45: 1x 1000 Mbps Uplink Ports SFP: 2x 1000 Mbps

### GigaSwitch V5 230VAC IND

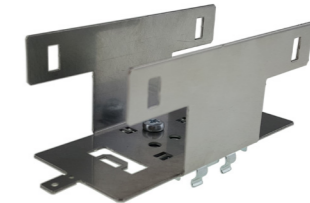
- 2 SFP uplink ports
- Robust metal housing and compact hardware design
- Efficient energy management
- Memory card slot
- Wide input voltage range 85 ... 240V AC (typ. 230V AC or 110V AC)



Reference	Description
<b>88303961</b>	<b>GigaSwitch V5 SFP-2VI 230VAC IND</b> User Ports RJ45: 4x 10/100/1000 Mbps Uplink Ports RJ45: - Uplink Ports SFP: 2x 1000 Mbps

## GigaSwitch IND Accessories

### Mounting kit 45x90 GSW metal DIN-rail



Reference	Description
<b>88646199</b>	<b>Mounting kit 45x90 GSW metal DIN-rail</b>

### Memory Cards for GigaSwitch IND

- Own MAC Address
- Backup of latest firmware and configuration
- Easy exchange of a failed switch
- Extended temperature range: -40...85°C

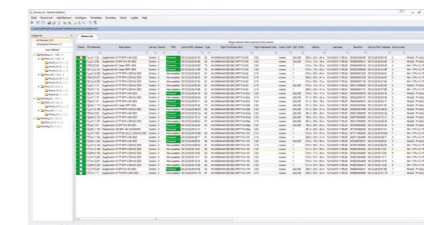


Reference	Description
<b>88300691</b>	<b>microSD Card with MAC, Delivery: Separately in plastic case</b>
<b>88300693</b>	<b>microSD Card with MAC, integrated, Delivery: Pre-installed in the switch</b>

## Software

### LANactive Manager

- Stand-Alone version and Client-Controller version
- Zero-Touch Configuration
- Extended management for firmware and configuration changes
- Different access levels, roles and user specified device lists
- Logging and alarming functionality
- Free of charge evaluation version



Reference	Description
<b>88301908</b>	<b>LANactive Manager Single User Licence</b>
<b>88301909</b>	<b>LANactive Manager Company Licence</b>
<b>88301920</b>	<b>LANactive Manager Controller Licence</b>



## Accessories

### Console Cable

The console port on Aginode switches allows access to the command line interface of the switch and can be used to configure the switch on site and/or to retrieve its status. Configuration via console port provides the same functionality as configuration via Telnet or SSH.



Reference	Description
<b>88300716</b>	<b>RJ45 to USB Adapter for Serial Console</b> - Connector A: RJ45 - Connector B: USB

### iPowerSupply

The compact iPowerSupply perfectly complements Aginode Industrial Ethernet product portfolio. Due to the design, the wide-range inputs and the global approvals, the iPowerSupply is well suited for use in installations around the globe. The iPowerSupplies comply with high requirements for EMC and environmental conditions which allows its operation in very harsh environments.



Reference	Description
<b>88646181</b>	<b>iPowerSupply S 110-230VAC/24VDC 30W</b>
<b>88646182</b>	<b>iPowerSupply S 110-230VAC/48VDC 60W</b>
<b>88645960</b>	<b>iPowerSupply S 110-230VAC/48VDC 100W</b>
<b>88645963</b>	<b>iPowerSupply S 110-230VAC/24VDC 100W</b>
<b>88646250</b>	<b>iPowerSupply S 110-230VAC 48VDC 240W</b>
<b>88646072</b>	<b>iPowerSupply S 110-230VAC/48VDC 500W</b>

## Accessories

### Aginode SFP 1000 Transceiver

- Gigabit Ethernet
- Digital Diagnostic Monitoring
- Wide Temperature Range (-40°C up to +85°C)
- LC connector



Reference	Description
<b>88646015</b>	<b>Aginode SFP 1000 Transceiver GI(LC)E</b> TX Wavelength: 850nm RX Wavelength: 850nm Link Length: 550m
<b>88646016</b>	<b>Aginode SFP 1000 Transceiver SM(LC)E L10</b> TX Wavelength: 1.310nm RX Wavelength: 1.310nm Link Length: 10km
<b>88646017</b>	<b>Aginode SFP 1000 Transceiver SM(LC)E L40</b> TX Wavelength: 1.310nm RX Wavelength: 1.310nm Link Length: 40km
<b>88646018</b>	<b>Aginode SFP 1000 Transceiver SM(LC)E L80</b> TX Wavelength: 1.550nm RX Wavelength: 1.550nm Link Length: 80km
<b>88646019</b>	<b>Aginode SFP 1000 Transceiver SM(LC)E L120</b> TX Wavelength: 1.550nm RX Wavelength: 1.550nm Link Length: 120km
<b>88646221</b>	<b>Aginode SFP 1000 Transceiver SM(LC)E L160</b> TX Wavelength: 1.550nm RX Wavelength: 1.550nm Link Length: 160km

## Accessories

### Aginode SFP 1000 Transceiver BIDI

- Gigabit Ethernet
- Digital Diagnostic Monitoring
- Wide Temperature Range (-40°C up to +85°C)
- LC connector



Reference	Description
<b>88646073</b>	<b>Aginode SFP 1000 Transceiver SF3(LC)E L10</b> TX Wavelength: 1.310nm RX Wavelength: 1.550nm Link Length: 10km
<b>88646075</b>	<b>Aginode SFP 1000 Transceiver SF5(LC)E L10</b> TX Wavelength: 1.550nm RX Wavelength: 1.310nm Link Length: 10km
<b>88646133</b>	<b>Aginode SFP 1000 Transceiver SF3(LC)E L40</b> TX Wavelength: 1.310nm RX Wavelength: 1.550nm Link Length: 40km
<b>88646135</b>	<b>Aginode SFP 1000 Transceiver SF5(LC)E L40</b> TX Wavelength: 1.550nm RX Wavelength: 1.310nm Link Length: 40km

### Aginode SFP 100 Transceiver

- Fast Ethernet
- Digital Diagnostic Monitoring
- Wide Temperature Range (-40°C up to +85°C)
- LC connector



Reference	Description
<b>88646010</b>	<b>Aginode SFP 1000 Transceiver SF3(LC)E L10</b> TX Wavelength: 1.310nm RX Wavelength: 1.550nm Link Length: 10km
<b>88646011</b>	<b>Aginode SFP 1000 Transceiver SF5(LC)E L10</b> TX Wavelength: 1.550nm RX Wavelength: 1.310nm Link Length: 10km

## Accessories

### iConnectBox

- Ideal for areas with limited space
- For mounting on a standard DIN-rail (35mm) or the wall
- Universal panel for copper or fibre connectivity
- Density: 6x copper Snap-In modules, 6x fibres with SC Snap-In adaptors, 12x fibres with LC Snap-In adaptors
- Wide range of accessories



Reference	Description
<b>88645864</b>	<b>iConnectBox 6000 H, 6Port, RAL9005, DIN-Rail</b>
<b>88645957</b>	<b>iExpansionBox 6000 H, 6Port, RAL9005</b>

### Colored Shutters

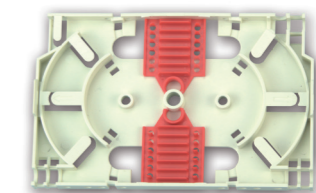
- Protective shutters for Aginode Snap-In patch panels, ZD boxes and outlets
- Colors matched with latch protectors colors of copper patch cords
- For "XXX" in product codes below: BLA – Black, BLU – Blue, DGR – Dark Gray, GRE – Green, ORA – Orange, RED – Red, YEL – Yellow, WHI – White



Reference	Description
<b>N402.701XXX</b>	<b>Aginode LANmark Shutter XXX 100x</b>

### Compact splice tray

- Designed for iConnectBox
- Compact splice cassette and cover



Reference	Description
<b>88645890</b>	<b>Compact splice tray, 8x76x120</b>
<b>88645891</b>	<b>Compact reserve tray, 8x76x120</b>
<b>88645892</b>	<b>Cover for splice tray, 2x76x120</b>

## Accessories

### Cable glands

- N890.146 covers cables with a 12.3 ...18 mm diameter
- N890.147 covers cables with a 4.3 - 11.9 mm diameter



Reference	Description
N890.146	Cable Gland 25 mm
N890.147	Cable Gland 20 mm

### Splice protection

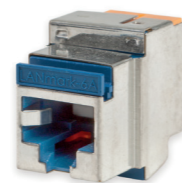
- Fusion splice heat shrink protector with a length of 45mm
- Compatible with tight buffer or loose tube cables (250 and 900 um coated fibres)
- Aluminum Protectors with a length of 30mm
- Aluminum Protectors compatible with loose tube, Micro-Bundle cables (250 um coated fibres) and Maxistrip Pigtails



Reference	Description
N890.021	Fusion Splice Heat Shrink Protection 45mm 100x
N890.003	Fusion Splice Aluminum Protection 150x

### LANmark CAT6/CAT6A Snap-In Connector

LANmark CAT6/CAT6A Snap-In Connector Via LANmark Snap-In CAT6 and CAT6A connectors twisted pair cabling can be terminated in the iConnectBox. The LANmark connectors are fully compliant with TIA and ISO cabling standards and support PoE++ applications with up to 90 Watts over 4 pairs.



Reference	Description
88687003	LANmark-6 Evo Snap-In Connector CAT6

## Accessories

### LANmark-OF Snap-In Adaptor

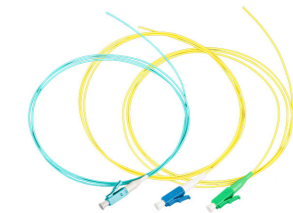
The LANmark-OF Duplex Snap-In Adaptor is a timesaving option to terminate fibre optical cabling in the iConnectBox.



Reference	Description
88683009	LANmark-OF duplex adapter
88683006	LANmark-OF MM LC duplex adapter
88683004	LANmark-OF MM SC duplex adapter
88683005	LANmark-OF SM LC duplex adapter
88683008	Single SC,LC or MTRJ-adapter

### LANmark-OF Pigtails

The Maxistrip pigtail can be stripped up to 100cm in one action and are compatible with LANmark-OF splice cassettes with heat shrink and aluminium protectors.



Reference	Description
N121.5MLA	LANmark-OF Pigtail LC OM3 Maxistrip LSZH 50/125 Length: 1m Colour: Aqua Fibre Type: Multimode OM3 Connector Type: LC
N121.4MLY	LANmark-OF Pigtail LC/UPC Singlemode Maxistrip LSZH 9/125 Length: 1m Colour: Yellow Fibre Type: Singlemode OS2 Connector Type: LC/PC



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