



PRODUCT OVERVIEW

# INDUSTRIAL NETWORKING & SMART CONTROL SOLUTIONS



**KYLAND**

FROM INDUSTRIAL CONNEVTIVITY  
TO INDUSTRIAL AI

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At Kyland, we are dedicated to advancing industrial internet, integrating AI-powered solutions with top-notch Industrial Ethernet Switches and comprehensive Smart Control Solutions. Our focus on Industrial Automation drives us to prioritize high-quality Industrial Communications, seamlessly blending them with advanced industrial networking technologies. Our expertise shines in our commitment to developing cutting-edge AI-powered Industrial Networking Solutions and efficient Smart Control systems. This dedication ensures peak performance and unwavering reliability in our Industrial Network Infrastructure, adapting to the ever-evolving landscape of industrial internet.

## Our Competences



### Rugged Design

Durable products, withstand harsh conditions, ideal for aerospace, defense, industrial sectors



### Manufacturing Capability

Efficient production, scalable, consistent quality, quick adaptation to market demands



### International Certifications

Compliant, credibility, global acceptance

# Industrial Ethernet Solutions

## Aquam Series



- Aquam Series are designed specifically for the rail transit industry
- Meets the strict reliability requirements of the rail transit and factory automation industries
- Suitable for any application where vibration impact and EMC compatibility are critically demanded

Model	Layer / Management	Installation	IP Class	Operation Temperature	Interface	No. of Ports	Power Supply
Aquam5/8	Unmanaged	Wall mount	IP65	-40°C ~ 75°C	100M	5/8	24 V AC / V DC 72-110V DC
Aquam5A/8A	Unmanaged	Wall mount	IP65	-40°C ~ 75°C	100M	5/8	24 V AC / V DC
Aquam5E/8E	Unmanaged	Wallmount	IP65	-40°C ~ 75°C	100M	5/8	24 V AC / V DC
Aquam5G/8G	Unmanaged	Wall mount	IP65	-40°C ~ 75°C	Gigabit	5/8	24 V DC 72 - 110 V DC
 Aquam5S/8S	Unmanaged	Wall mount	IP65	-40°C ~ 70°C	100M	5/8	24 - 110 V DC
 Aquam8012A	L2 Managed	Wall mount	IP65	-40°C ~ 75°C	Gigabit/ 100M	12	24 - 110 V DC 24 - 48 V DC 72 - 110 V DC
Aquam8124TSN	L2 Managed	Wall mount	IP65	-40°C ~ 75°C	Gigabit/	24	72 - 110 V DC
 Aquam8512A	L3 Managed	Wall mount	IP65	-40°C ~ 75°C	Gigabit/ 100M	12	24 - 110 V DC 24/48 V DC 72 - 110 V DC
 Aquam8612/8112	L2/3 Managed	Wall mount	IP65	-40°C ~ 70°C	Gigabit/ 100M	12	110 V DC, 24-48 V DC
 Aquam8612-1U/ Aquam8112-1U	L2/3 Managed	Rackmount	IP40	-40°C ~ 70°C	Gigabit/ 100M	12	72 - 110 V DC 24 - 48 V DC
 Aquam8612-2U/ Aquam8112-2U	L2/3 Managed	Rackmount	IP40	-40°C ~ 70°C	Gigabit/ 100M	24	72 - 110 V DC 24 - 48 V DC
 Aquam8620/8120	L2/3 Managed	Wall mount	IP65	-40°C ~ 70°C	Gigabit/ 100M	28	110 V DC 24-48 V DC
 Aquam8628/8128	L2/3 Managed	Wall mount	IP65	-40°C ~ 70°C	Gigabit /100M	28	110 V DC 24-48 V DC

## Opal Series



- Unmanaged Ethernet rail-type switches
- Ensures fast and stable data transmission in harsh industrial environments
- Applicable to power, intelligent transportation, factory automation, video surveillance etc..

Model	Layer / Management	Installation	IP Class	Operation Temperature	Interface	No. of Ports	Power Supply
Opal5	Unmanaged	DIN Rail	IP40	-40°C ~ 75°C	Full 100M	5	12 - 48 V DC 18 - 30 V AC
Opal5A/8A	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	100M	5/8	12 - 48 V DC 18 - 30 V AC
Opal5E/8E	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	100M	5/8	12 - 48 V DC 18 - 30 V AC
Opal5G	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	Gigabit	5	12 - 48 V DC 18 - 30 V AC
Opal5GL	Unmanaged	DIN Rail	IP40	-40°C ~ 75°C	Gigabit	5	12 - 48 V DC 18 - 30 V AC
 Opal5GS	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	Gigabit	5	12 - 36 V DC 12 - 57 V DC
Opal5L	Unmanaged	DIN Rail	IP40	-40°C ~ 75°C	Full 100M	5	12 - 48 V DC 18 - 30 V AC
Opal8	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	Full 100M	8	12 - 48 V DC 18 - 30 V AC
Opal8GL	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	Gigabit	8	12 - 48 V DC 18 - 30 V AC
Opal8L	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	Full 100M	8	12 - 48 V DC 18 - 30 V AC
Opal10A	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	100M	10	12 - 48 V DC 18 - 30 V AC
Opal10GL	Unmanaged	DIN Rail	IP40	-40°C ~ 75°C	Gigabit	10	12 - 48 V DC 18 - 30 V AC
 Opal10GS	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	Gigabit	10	12 - 48 V DC 12 - 57 V DC
Opal20	Unmanaged	DIN Rail	IP30	-40°C ~ 75°C	Full 100M	20	12 - 48 V DC 18 - 30 V AC

## SICOM Series



- Including Din-rail Managed Industrial Ethernet Switches, Rack-mounted Managed Ethernet Switches, Power over Ethernet (PoE) Switches and Layer 3 Managed Rack-mounted Backbone Switches
- Widely used in factory automation, transportation, petrochemicals, wind power, and other fields

Model	Layer / Management	Installation	IP Class	Operation Temperature	Interface	No. of Ports	Power Supply
SICOM2024M	L2 Managed	Rackmount	IP40	-40°C ~ 85°C	Gigabit /100M	28	100 - 240 V AC 110 - 220V DC 24 - 48 V DC
 SICOM3000A	L2 Managed	DIN Rail	IP40	-40°C ~ 75°C	Gigabit /100M	6 - 20	100 - 240 V AC 110 - 220V DC 24 - 48 V DC 12 - 24V DC
SICOM3000A-LITE	L2 Managed	DIN Rail	IP40	-40°C ~ 75°C	100M	6 - 10	12 - 24 V DC 24 - 48 V DC
SICOM3000L	L2 Managed	DIN Rail	IP40	-40°C ~ 75°C	Gigabit	12 / 20	100 - 240 V AC 110 - 220V DC 12 - 48V DC
 SICOM3000S	L2 Managed	DIN Rail	IP40	-40°C ~ 75°C	Gigabit	12	48 V DC
 SICOM3024GS	L3 Managed	Rackmount	IP40	-40°C ~ 75°C	Gigabit	28	220 V AC
SICOM3024P	L2 Managed	Rackmount	IP40	-40°C ~ 85°C	Gigabit /100M	28	100 - 240V AC 110 - 220V DC 48 V DC 24V DC

Model	Layer / Management	Installation	IP Class	Operation Temperature	Interface	No. of Ports	Power Supply
 SICOM3028GPT-L2	L2 Managed	Modular Rackmount	IP40	-40°C ~ 85°C	Gigabit /100M	28	100 - 240 V AC 110 - 220 V DC 24 V DC 48 V DC
 SICOM3028GPT-L3	L3 Managed	Modular Rackmount	IP40	-40°C ~ 85°C	Gigabit /100M	28	100 - 240 V AC 110 - 220 V DC 24 V DC 48 V DC
 SICOM3416G	L2 Managed	DIN Rail	IP40	-40°C ~ 75°C	10G /Gigabit	20	100 - 240 V AC 110 - 220 V DC 24 V DC 48 V DC
 SICOM3432G	L2 Managed	Rackmount	IP40	-40°C ~ 75°C	10G /Gigabit	36	100 - 240 V AC 110 - 220 V DC 24 - 48 V DC
 SICOM6416G	L3 Managed	DIN Rail	IP40	-40°C ~ 75°C	10G /Gigabit	20	100 - 240 V AC 110 - 220 V DC 24 V DC 48 V DC
 SICOM6432G	L3 Managed	Rackmount	IP40	-40°C ~ 75°C	10G /Gigabit	36	100 - 240 V AC 110 - 220 V DC 24 - 48 V DC
 SICOM6800	L3 Managed	Rackmount	IP40	-40°C ~ 75°C	10G /Gigabit	28	100 - 240 V AC 110 - 220 V DC
 SICOM6800-2U	L3 Managed	Modular Rackmount	IP40	-40°C ~ 75°C	10G /Gigabit	56	100 - 240 V AC 110 - 220 V DC 24 - 48 V DC
SICOM6816X	L3 Managed	DIN Rail	IP40	-40°C ~ 75°C	10G /Gigabit	14 / 20	24 V DC
SICOM3000TSN	TSN	DIN Rail	IP40	-40°C ~ 75°C	10G /Gigabit		100 - 240 V AC 110 - 220 V DC 24 - 48 V DC
SICOM6800TSN	TSN	DIN Rail	IP40	-40°C ~ 75°C	Gigabit	12	24 - 48 V DC
 SICOM6800-D	L3 Managed	DIN Rail	IP40	-40°C ~ 85°C	Gigabit	12	100 - 240 V AC 110 - 220 V DC 24 - 48 V DC

## KOM Series



- Including Din-rail Fiber Optic Transceivers and Din-rail Serial Fiber Optic Transceivers
- Widely used in power, transportation, petrochemical, and other fields

Model	Layer / Manage-	Installation	IP Class	Operation Temperature	Interface	No. of Ports	Power Supply
KOM200	Unmanaged	DIN Rail	IP30	-40°C ~ 85°C	Full 100M	3	12 - 24 V DC
KOM300F	Unmanaged	DIN Rail	IP40	-40°C ~ 75°C	Full 100M	3	12 - 48 V DC
KOM600G	Unmanaged	DIN Rail	IP40	-40°C ~ 75°C	Gigabit / 100M	2	12 - 48 V DC
KOM600H	Unmanaged	DIN Rail	IP40	-40°C ~ 75°C	Gigabit / 100M	2	12 - 48V DC
KOM DH	Chassis	DIN Rail	IP40	-40°C ~ 75°C	-	-	220 V AC
KOM RH	Chassis	Rackmount	IP40	-40°C ~ 75°C	-	-	220 V AC

## HSR/PRP

- Supports combo ports as HSR/PRP port
- Supports hardware based IEEE1588v2
- Supports reset button for system reboot
- Out of Band Management Port
- Complies with IEC61850-3 and IEEE1613
- Compliant implementation of both PRP (IEC62439-3-4) and HSR (IEC62439-3-5)



Model	Layer / Management	Installation	IP Class	Operation Temperature	Interface	No. of Ports	Power Supply
PTP Ruby 3A	L2 Managed	DIN Rail	IP40	-40°C ~ 85°C	Full Gigabit	3	220 V AC 24 - 48 V DC
HSR / PRP Modular	used in conjunction with SICOM3028GPT	Rackmount	IP40	-40°C ~ 85°C	Full Gigabit	2	220 V AC 24 - 48 V DC

## Accessories

Model	Interface	Dimension	Weight	Operating Temperature	Product Image
DT-XL-Mini USB-USB-2m	USB	2 m	25g	-40°C ~ 85°C	
KyACB-USB-M12	M12-A-Code 4 Pin-Male Connector	300 mm	35g	-10°C ~ 60°C	
KyACB-USB-RJ45	RJ45 Connector	300 mm	25g	-10°C ~ 60°C	
M12-A-4P-F	Type A- Coding, 4 Pin, Female	6 - 8 mm	NA	-40°C ~ 85°C	
M12-A-4P-M	Type A- Coding, 4 Pin, Male	6 - 8 mm	NA	-40°C ~ 85°C	
M12-D-4P-M	Type D- Coding, 4 Pin, Male	6 - 8 mm	NA	-40°C ~ 85°C	
M12-X-8P-M	Type X- Coding, 8 Pin, Male	5.5 - 9 mm	NA	-40°C ~ 85°C	
SFP-1FX	LC Connector	113.7 × 12.7 × 56.6 mm (W×H×D)	40g	-40°C ~ 85°C	
SFP-1G	LC Connector	13.9 × 12.6 × 58.4 mm (W×H×D)	40g	-40°C ~ 85°C	
SFP-1G to RJ45	RJ45 Connector	13.61 × 13.9 × 67.96 mm (W×H×D)	40g	-40°C ~ 85°C	
SFP-10G	LC Connector	13.9 × 12.6 × 58.4 mm (W×H×D)	40g	-40°C ~ 85°C	

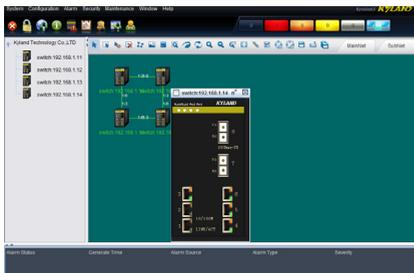


Industrial Ethernet Solution Product Details:  
[www.klgsmartec.com/products/industrial-ethernet-solutions](http://www.klgsmartec.com/products/industrial-ethernet-solutions)

# Kyvision

## Network Management Software

Kyvision is high performance network management software designed by Kyland, supports all types of Kyland network managed devices(Support SNMP). Its management functions include device management, alarm management, right management, topology management, maintenance management...etc.



- New generation network management system, based on B/S architecture
- Supports 10 users simultaneously online and can monitor up to 1000 devices
- Supports SNMP v1/v2c/v3
- Auto-detection of devices, and real-time event alerts to user
- Real-time access to device status, providing graphical interface display
- Provides Socket and OPC interfaces for user secondary development

### System Requirement

Software	OS, Windows XP/Windows 7/Windows 10/Windows 2003 Server/Windows 2000 Server, Linux	
Hardware	Configuration: Windows Server Windows Client CPU: Pentium 4 Pentium 4 CPU Frequency: 3GHZ 3GHZ Memory: 1GB 512MB	Harddisk: 40GB 20GB CD-ROM: 48x 48x Network Card: 100M 100M Display: >=1024*768 >=1024*768



Kyvision Software Details:  
[www.klgsmartec.com/product/kyvision](http://www.klgsmartec.com/product/kyvision)

# Industrial Serial Solutions

## KPS / KGW Series



- Including Serial Servers and Reliable Industrial-grade Smart Gateways
- Ensures the security and stability of industrial networks
- Reliable industrial-grade design with excellent user experience

Model	Installation	Interface	No. of Serial Ports
KGW3608A	DIN Rail	Full 100M / Serial	8
KPS3101A / KPS3102A / KPS3204A / KPS3208A	DIN Rail	Full 100M / Serial	1/2/4/8
KPS3224A	DIN Rail / Wall Mount	Full 100M / Serial	24
KGW3102A / KGW3204A / KGW3208A	DIN Rail / Wall Mount	Full 100M / Serial	2/4/8
KGW3204A-4G	DIN Rail / Wall Mount	Full 100M / Serial	4
KGW3224A	Rackmount	Full 100M / Serial	24



Industrial Serial Solution Product Details:  
[www.klgsmartec.com/products/industrial-serial-solutions](http://www.klgsmartec.com/products/industrial-serial-solutions)

# Industrial Time Solutions

## PTS Series



- Including Din-rail Multifunctional Time Converter, Rack-mounted High-precision Time Servers and Rackmounted Time Distributors
- Meets the time synchronization needs of different industries

Model	Installation	Interface	No. of Ports
PTS-10A	Rackmount	Gigabit	4
PTS-10AL	Rackmount	Gigabit /100M	5
PTS-DR200L	DIN Rail	Gigabit /100M	3
PTS-10X	Rackmount	Gigabit	2



Industrial Time Solution Product Details:  
[www.klgsmartec.com/products/industrial-timing-solutions](http://www.klgsmartec.com/products/industrial-timing-solutions)

# AUTBUS

## NEW MULTIDROP FIELDBUS

### What is AUTBUS

AUTBUS is a new IEC standardized industrial broadband fieldbus invented by the company Kyland. AUTBUS can be used with balanced cables such as twisted single pair cables or unbalanced cables such as coaxial cables. With a qualified twisted pair cable, up to 254 multidrop data network nodes can be reached over a distance of up to 500 meters, at a data transmission speed of 100Mbit/s. On physical layer, AUTBUS uses OFDM technology which make it a perfect solution for communication technology in demanding environments. With its characteristics of broadband, low latency and determination, AUTBUS is predestined for the field of industrial wired data communication. In addition, AUTBUS supports data tunnelling, with which, e.g., Ethernet-based transmission protocols as well as other communication protocols like CAN Bus can be transmitted transparently from one data connection point to another via the passive multidrop data network without translating these protocols.sustaining applications.

### Key Features



2 wire twisted pair cable  
(polarity-none sensitive)



100Mbps high  
data bandwidth



Up to 254  
multidrop nodes



Up to 500  
meters distance



Bus and  
Ring Topology



Multi-bus-protocol  
tunneling Ethernet,  
EtherNet/IP, Modbus, CAN...



Real-time  
deterministic



SPE System Alliance  
cables & connectors  
compatible

### International Standard



The AUTBUS is IEC standardized and listed under the number IEC 61158 Type 28 and IEC 61784 CPF22. The International Electrotechnical Commission (IEC) is a standardization body for international standards of electrical, electronic, and information technologies to ensure safe, efficient as well as reliability operations.

## AUTBUS Multidrop Coupler - ABN300 Series



- Support One (1) AUTBUS port and a variety of additional interfaces, including Ethernet, CAN and RS485
- Provides the effective transmission of multiple protocols and data types via AUTBUS networks and supports multidrop connections, long distances (up to 500m) transmission with 100Mbps system bandwidth
- The ABN300 series represents an optimal communication solution for industrial sectors such as Process Automation, Oil & Gas Pipeline Management, Renewable Energy, Building Automation, Factory Automation, and Railway Construction.

Part Number	Description
ABN300-A1TB-C1TB-L2	AUTBUS to CAN converter, AUTBUS x 1 port, 2 pins x 3.81mm Terminal Block with screw interface, CAN x 1, 3 pins x 3.81mm Terminal Block with screw interface, DC 24 - 48V
ABN300-A1M8-C1TB-L2	AUTBUS to CAN converter, AUTBUS x 1 port, 3 pins M8 interface, CAN x 1, 3 pins x 3.81mm. Terminal Block with screw interface, DC 24 - 48V
ABN300-A1TB-S1TB-L2	AUTBUS to RS485 converter, AUTBUS x 1 port, 2 pins x 3.81mm Terminal Block with screw interface, RS485 x 1, 3 pins x 3.81mm Terminal Block with screw interface, DC 24 - 48V
ABN300-A1M8-S1TB-L2	AUTBUS to RS485 converter, AUTBUS x 1 port, 3 pin M8 interface, RS485 x 1, 3 pins x 3.81mm Terminal Block with screw interface, DC 24 - 48V
ABN300-A1TB-E1RJ-L2	AUTBUS to Ethernet converter, AUTBUS x 1 port, 2 pins x 3.81mm Terminal Block with screw interface, 10/100M Ethernet x 1, RJ45 interface, DC 24 - 48V
ABN300-A1M8-E1RJ-L2	AUTBUS to Ethernet converter, AUTBUS x 1 port, 3 pins M8 interface, 10/100M Ethernet x 1, RJ45 interface, DC 24 - 48V
ABN300-A1SA-E1RJ-L2-L2	AUTBUS to Ethernet converter, AUTBUS x 1 port, IEC 63171-2 IP20 SPE interface, 10/100M , Ethernet x 1, RJ45 interface, DC 24 - 48V, redundant power inputs

## Smart Control Solutions

### Intewell

## INDUSTRIAL OPERATING SYSTEM

Intewell is a micro-kernel based Operating System with modular design, so it can be easily customized for different applications. Intewell abstracts physical hardware and I/O interfaces so it can virtualize the machine (through the hypervisor). The hypervisor manages and allocates the system's resources, so that it can enable the system to host several instances simultaneously but still assure each instance and application real-time, secure, deterministic and reliable.

Intewell has been developed and evolved for more than 20 years and holds 60+ patents and 30+ copyrights. It is widely deployed to numerous mission critical industry sectors like smart manufacturing, railway, energy, robotics,...etc., and it's been proven reliable and secure in the long and sustaining applications.

### Key features

- Reliable: more than 20 years track record of operation
- Real-time: micro-second level response time
- Micro-kernel: virtualizes hardware resources and enables software-defined management
- Hybrid: enables one-machine with multiple real-time and non-real-time instances hybrid operation, so it can integrate edge computing, motion control, data acquisition, AI,...etc. in one machine



Intewell Operating System Details:  
[www.klgsmartec.com/product/winux-rt-operating-system](http://www.klgsmartec.com/product/winux-rt-operating-system)



## Kyland NewPre3101



- Fanless thermal design with premium materials, -40 to 60°C operation, EMC compliance, and IP40 protection
- Intel Core processors, rich I/O interfaces, and PCIe expandability
- Pre-installed MaVIEW platform, real-time motion control, multi-protocol support, and 4K/8K video capabilities
- Supports big data, AI-driven vision analysis, and seamless edge-cloud collaboration

Specification	Description
CPU Processor	Intel Core™ 8th I7-8700T
RAM	Dual-slot design, support up to 32GB DDR4
Storage	1TB
Video Port	1 x HDMI, 1 x VGA, 1 x mini DP
Ethernet	4 x 100/1000BASE-T(X), RJ45
Serial	4 x DB9, 2 x RS-232, 2 x R5232/485/422
USB Port	8 x USB3.0
Pre-installed OS & Runtime	Intewell+ MaVIEW OR Intewell-WIN + MaVIEW OR Intewell-Lin + MaVIEW

Product Detail: <https://www.kyland.com/products/smart-control-solutions>

## NewPreA5101 / NewPreA5102



- Medium-sized intelligent controller launched for the high-end equipment and intelligent production line markets
- It supports use in environments with humidity, salt spray, mold, wide temperature and harsh electromagnetic interference
- It perfectly integrates logic control (PLC), machine vision, HMI, database and customer applications on one controller hardware
- It provides an open secondary development interface to help users easily and quickly design low-cost, safe and reliable industrial control solution(Master)

Specification	Description
CPU Processor	Intel® Celeron® J6412
RAM	4G / 8G (Optional)
Storage	128G /2 56G (Optional)
Video Port	1 x HDMI
Ethernet	3 x LAN
AUTBUS	Only NewPreA5101 support
USB Port	3 x USB3.0
Pre-installed OS & Runtime	Intewell+ MaVIEW OR Intewell-WIN + MaVIEW OR Intewell-Lin + MaVIEW OR Window + CoDeSys

## NewPre2300



- Using ARM Dual-core Cortex-A72 + Quad-core Cortex-A53 Processor, 4GB DDR3 and 32GB eMMC
- Fanless design, supports -20~60 °C wide operating temperature
- Meets EMC level 3 and IP40 protection level
- Flexible configuration, optional 5G/WiFi can be expanded through internal interfaces ( or AI accelerator card) , local IO and CAN optional
- Pre-installed MaVIEW LinuxRTE , supports real-time control and Modbus TCP
- Modbus RTU (Master) , Custom TCP, Custom UDP, EtherCAT (Master)
- Profinet (Master) , OPC UA, MQTT (Client) Common industrial communication protoco

Specification	Description
CPU Processor	2-core Cortex-A72 processor + 4-core Cortex-A53 processor
RAM	4G LPDDR3
Storage	32GB eMMC
Video Port	1 x HDMI
Ethernet	2 x GbE LAN
Serial Port	2 x RS232 / RS485
CAN Port	1x CAN (Optional)
USB Port	2 x USB3
Wireless Connection	Support both 3G/4G/5G Mobile Network & WIFI Network
Pre-installed OS & Runtime	Linux + MaVIEW

## KYIO-L Series



- Consists of network adapter module and extended IO module
- The network adapter module controls fieldbus communication
- Realizes communication link with host station controller or host computer software

Module	Model
Modbus RTU Coupler	LC-2101
Modbus TCP/IP Coupler	LC-1101
Canopen Coupler	LC-3101
Profinet Coupler	LC-1301
Ethernet / IP Coupler	LC-1401
EtherCat Coupler	LC-1201

## KYIO-T Series



- Economy series
- Consists of network adapter module and extended IO module
- IO module more compact and up to 32 termination point per module
- Support hot swapping and detachable termination

Module	Model
Modbus TCP/IP Coupler	T0401
Profinet Coupler	T0301
Ethernet / IP Coupler	T0501
EtherCat Coupler	T0201

# Power Server

## Hyperie8300



Hyperie8300 is a power automation platform, equipped with various data interfaces, built-in hundreds of protocols, integrated soft-PLC control functions and SCADA/HMI functionality, pre-installed Intewell Hypervisor for real-time virtualization, open platform for customized APPs, making it an ideal solution for automation system of transmission/distribution substation, distributed PV power generation, wind power, thermal energy storage, etc.

### ■ IT/OT Convergence

Capable of supporting SCADA system, Protocol gateway, IEC61131-3 softPLC and other legacy (Window/Linux) x86 applications on a single platform

### ■ SoftPLC based on IEC61131-3 standard

Real-time control period within 50 $\mu$ s

### ■ Intelligent Protocol Gateway

Abundant Power protocol includes IEC61850, IEC60870 protocol suite, DNP3.0, Modbus etc.

### ■ High-availability and Fault Tolerance

Integrated IEC62439-3 PRP/HSR modular and application redundancy for protocol gateway, SCADA system and IEC61131-3 softPLC

### ■ Easy Maintenance

The entire state of the virtual machine can be saved to files. Additionally, the VM can be moved and copied as easily as moving and copying files

### ■ Comply with IEC61850-3, IEEE1613 hardware design

Model	Network Interface	CPU	Display Port	Memory	Serial Port	USB
Hyperie8300	RJ45 X 6, SFP X 2	Intel Pentium, Intel i3, Intel i5, Intel i7, Intel Celeron	VGA, HDMI	8GB/ Max 64GB	RS232, RS485	USB2 USB3



Hyperie8300 Product Details:  
[www.klgsmartec.com/product/hyperie8300](http://www.klgsmartec.com/product/hyperie8300)

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