

IB-SYSTEM IP

SECURITY SOFTWARE FOR CENTRALIZED ALARM MANAGEMENT OF CIAS IP DEVICES



IB-SYSTEM IP is the revolutionary CIAS integration server, capable of managing up to 1280 different sensors.

This PC-based solution provides complete support for setup, maintenance, and general management of field sensors via Ethernet connection. With IB-SYSTEM IP, you can use up to 10 different output groups, each capable of communicating through 5 simultaneous protocols, including CIAS and four others.

Key Features

- ✓ **Simple Management:** With auto-detection and configuration functions, IB-SYSTEM IP automatically identifies and configures all field sensors, ensuring hassle-free operation.
- ✓ **Fast Response:** Capable of polling up to 1280 sensors with a maximum latency of 500ms across the entire field, ensuring rapid response times.
- ✓ **Cybersecurity Standards:** Incorporates cybersecurity standards such as physical access via the IEEE 802.1x protocol and AES128 encrypted communication to protect data.
- ✓ **Hot Backup:** Optionally available with the IB-SYSTEM IP-twin backup server, allowing immediate restoration of primary functions in case of failure, ensuring system continuity.
- ✓ **Lightweight, Reliable, & Secure:** Minimal bandwidth usage (20 kilobits per channel) to avoid interference with existing IP infrastructure. QoS analysis monitors and evaluates data transmission and infrastructure performance to ensure reliable security.

IB-SYSTEM IP delivers the highest level of integrated security, offering superior performance, simplified management, and robust cybersecurity for your entire security system.

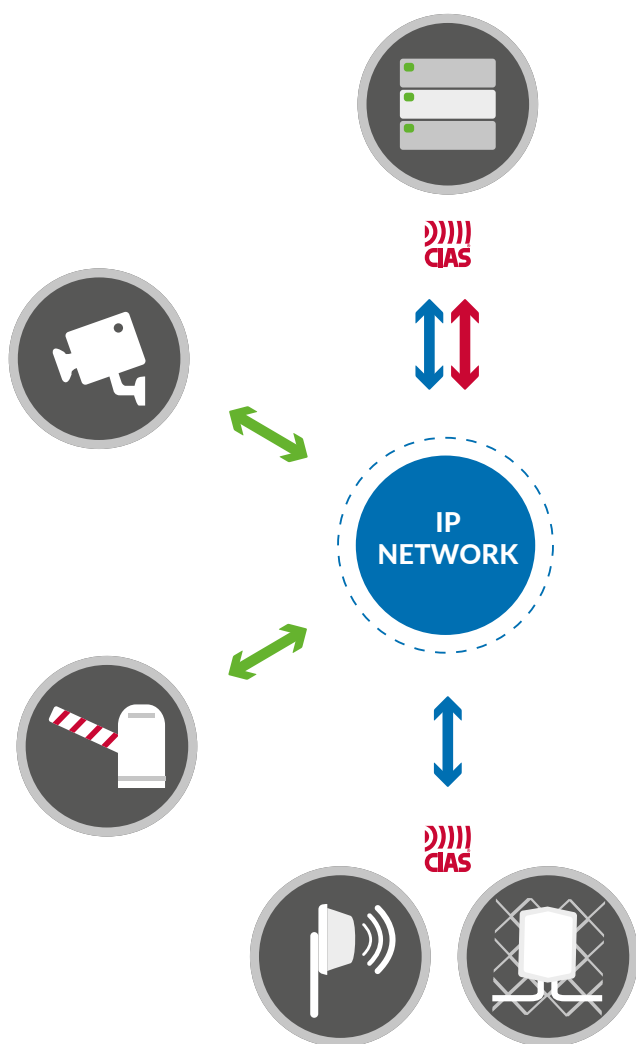
IP-DOORWAY



IP-Doorway is an interfaces that, when installed inside the detectors' head, makes all CIAS digital barriers and sensors IP-ready.

Using a single CAT5E FTP Ethernet cable, you can power the product and remotely manage its alarm data and settings, providing clear economic and installation advantages for installers.

The product supports power via standard PoE 802.3AF or 13.8 Vdc, commonly used in intrusion security systems. IP-Doorway manages protocols such as TCP, UDP, HTTP, DHCP, ICMP, ARP, and RARP, offering versatile data management options.



TECHNICAL SPECIFICATIONS

MAXIMUM CAPACITY	Up to 1280 sensors
SCALABILITY	Available in various configurations
RESPONSE TIME	Max 500ms, consistent even at full capacity
BANDWIDTH USAGE	Max 20 kilobits/channel
DATA SECURITY	CRC 16, signature analysis
DATA TRANSMISSION	TCP/IP unicast
IP OUTPUTS	Up to 5 per output group
RELAY OUTPUTS	Managed via IB-extensions
INTEGRATION PROTOCOL	SDK available
TIME SYNCHRONIZATION	Automatic date and time sync
IP & PoE SENSOR MANAGEMENT	Supported
SIGNAL QUALITY ANALYSIS	Supported
HOT BACKUP	Supported
FIELD SENSOR DETECTION & CONFIGURATION	Supported
IMPLEMENTED PROTOCOLS	Over 30 platforms integrated, updates available on the website

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