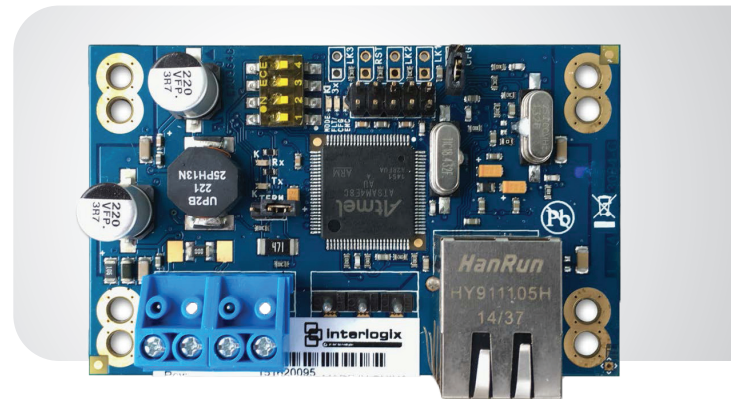


# ATS1745

RS485 databus to IP-LAN interface



## OVERVIEW

Save time and money installing Axon systems with the new ATS1745 IP LAN Adaptor. The ATS1745 modules allow Axon RS-485 LAN data to be carried over a local IP network. This provides an IP connection between an Axon series panel and it's LAN devices.

It is perfect for connecting a panel to a remotely located RAS, DGP or Door/Lift Controller where it is costly to run cable but where IP connections are readily available (subject to network performance requirements).

ATS1745 modules provide securely-encrypted IP communications via a unique 128-bit encryption key. ATS1745 modules are configured as either the Start of Line Module (SLM) or an End-of-Line Module (ELM). The SLM connects to the Axon panel while the ELMs provide IP links for all of an Axon system's LAN devices.

The ATS1745 can be configured easily and conveniently over the IP network via a Web browser. Note: For proper security the Ethernet devices between SLM and ELM may need separate protection and back-up power.

## FEATURES

- Axon 485 Bus device
- Connects two or more Axon devices over a local IP connection
- 128 bit AES secure data communication
- Easy configuration using built-in web server
- Up to 31 End-Of-Line modules connected over IP to 1 Start-Of-Line module
- Device configurable as Start-Of-Line or End-Of-Line module
- Network Test Tools allows to check network latency and suitability

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## RS485 databus to IP-LAN interface

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## SPECIFICATIONS

| General               |                                            |
|-----------------------|--------------------------------------------|
| Expander type         | Interface                                  |
| Product line          | Axon                                       |
| Connection type       | Databus connection/RJ45 network connection |
| Electrical            |                                            |
| Power supply type     | 12 VDC                                     |
| Operating voltage     | 13.8 VDC supplied by the panel             |
| Current consumption   | 110 mA                                     |
| Physical              |                                            |
| Physical dimensions   | 50 x 80 x 20 mm                            |
| Environmental         |                                            |
| Operating temperature | 0 to 40°C                                  |
| Relative humidity     | 93% noncondensing                          |
| Environment           | Indoor                                     |
| Regulatory            |                                            |
| Compliance            | CE, RCM                                    |