

Interra iBMS Logic Server



DESCRIPTION

Interra iBMS Logic Server is your most straightforward way to program complex logic in KNX/EIB, Modbus, BACnet, and networks. It will enable you to efficiently customize building automation processes, quickly delivering unlimited flexibility benefits to end users in a cost-effective way.

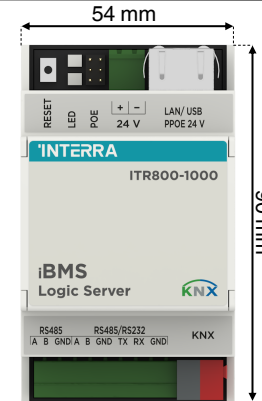
MAIN FUNCTIONAL CHARACTERISTICS

- Interra iBMS Logic Server is an embedded platform with an integrated Ethernet, USB, KNX/TP and RS485/RS-232 serial interfaces.
- Interra iBMS Logic Server can be used as a cross-standard gateway (Modbus, BACnet/IP), logic engine, visualization platform, KNX/IP Router.
- Interra iBMS Logic Server can be integrated with various cloud/web services and 3rd party devices. Scripts (logic engine) allows iBMS Logic Server to simultaneously act as a thermostat, security panel, lighting controller, etc.
- Interra iBMS Logic Server supports iOS Siri and Google Voice control via native apps available in App Store and Google Play.
- iBMS application store and external app development possibility allow to extend device functionality and adjust to a specific market segment.

Default IP Configuration

Login Name	admin
Password	admin
IP Address	192.168.0.10
Network Mask	255.255.255.0

DIMENSIONS



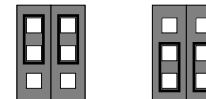
MOUNTING

- Mounting the device on DIN rail.
- Connect the KNX bus cable.
- Connect 24V power supply to the device (either through separate 24V screw terminals or through Passive 24V DC Power-Over-Ethernet).
- Connect Ethernet/LAN cable coming from the PC.

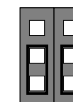
Powering

Interra iBMS Logic Server supports two powering modes:

- Regular powering over screw terminals (Jumpers up or down)



- Passive PoE powering over 24 V DC (Jumpers down)



- When using active PoE 48V, jumpers have to be UP or the product **will be damaged!**

Please note that there are two PoE types of PoE switches/adapters – passive and active (802.3af). In passive mode 4 Ethernet cable wires are used for data and 4 are used for power. In active PoE mode data and power goes together.

Reset Device

You can either reboot the device by pressing RESET button or reset the configuration to factory defaults:

- Press and hold for < 10 sec - reboot the device
- Press and hold for > 10 sec - reset networking with IP to factory default.
- Press and hold for > 10 sec and again press and hold for > 10 sec - full reset of configuration to factory defaults.

SAFETY INSTRUCTIONS

- The device may only be installed and put into operation by a qualified electrician or autho-rized personnel.
- For planning and construction of electric installations, the appropriate specifications, guidelines and regulations in force of the respective country have to comply.
- Do not connect the main voltage (230 V AC).
- Do not expose this device to direct sunlight, rain or high humidity.
- Clean the product with a clean, soft, damp cloth.
- Do not use aerosol sprays, solvents or abrasives that might damage the device.
- Installation only in dry locations and on a 35 mm DIN rail (TH 35).
- Accessibility of the device for operation and visual inspection must be provided.

MARKS

CE: Tests are carried out according to

EN IEC 61000-6-1:2019 & EN IEC 61000-6-3:2021
DS2210120186AEN

Product Code	ITR800-1000
Power Supply	24 V DC - Terminal Connector 24 V DC - Power-over-Ethernet
Power Consumption	1.3 W
LED Indicators	1 x CPU Load, 1 x Activity
Temperature Range	Operation (0°C...45°C)
Max. Air Humidity	10...95 % (without condensation)
Colour	Gray
Dimensions	54 x 90 x 61 mm (W x H x D)