



**Interra**  
**iBMS Logic Server**

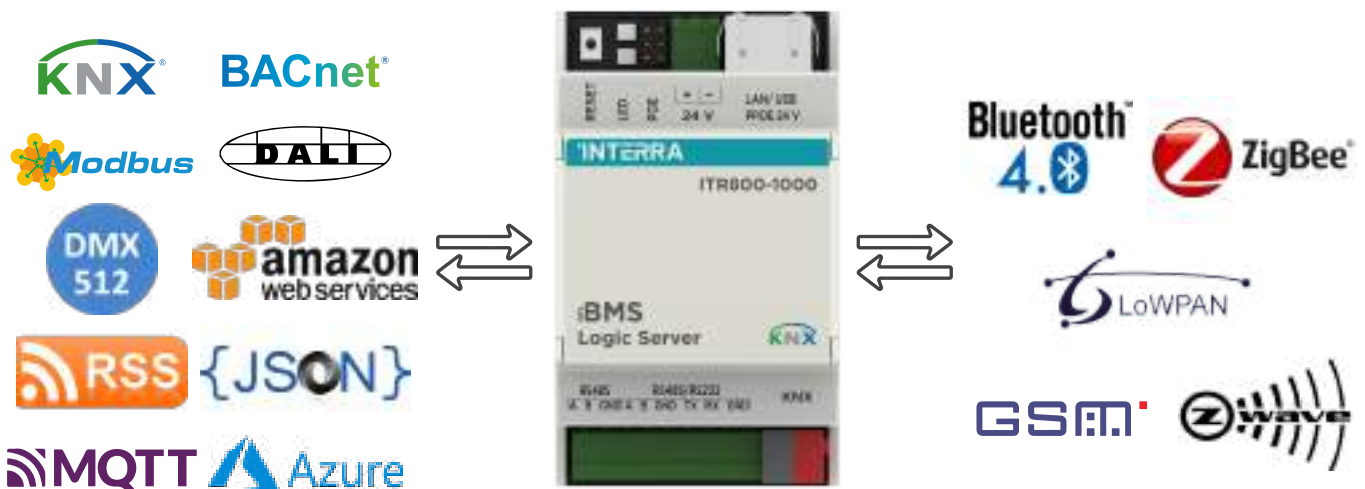
# Interra iBMS Logic Server

Interra iBMS Logic Server acts as cross-standard gateway, cloud service integrator, complex network logic engine, easy-to create visualization platform, IP Router and much more. Further, It supports iOS Siri and Google Voice control via native apps available in App Store and Google Play.

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.

iBMS is an embedded platform with integrated Ethernet, USB, KNX/EIB, and Serial interfaces. It allows us to use it as a cross-standard gateway, logic engine, visualization platform, and IP Router. Scripting templates provide a user-friendly, flexible configuration interface and integration with cloud/web services, 3rd party devices.

Applying custom scripts, iBMS can simultaneously act as a thermostat, security panel, lighting controller, etc. iBMS application store and external app development possibility allow to extend device functionality and adjust to a specific market segment.



# iBMS Logic Server Applications

Logical functions

WEB SCADA visualization  
for PC and touch-devices

Data logger with trends

KNX IP Router

Lighting regulation

Health/activity monitoring

Cross-standard gateway

Integration with third-party  
devices over USB, RS485 serial  
port, Ethernet - AV, IR, HVAC

Presence monitoring

Universal controller  
(lighting, shutter, etc.)

Internet-of-Things

Cloud server/client

# iBMS Logic Server Highlights

- Power-over-Ethernet powering
- Automatic Ethernet connection checking and informing in case of troubles
- Application development and application store
- Cloud ready device with Microsoft Azure, Amazon Web Services and other services supported
- Gateway and uniform way of control of KNX, ModBus RTU/TCP, BACnet IP, DMX, M-Bus, GSM and more
- Unlimited scenario and logic engine
- Unlimited visualization platform for PC and for touch devices
- Size: 3 DIN units
- Remote KNX bus control and KNX device reprogramming
- Object logging with trends support and data exporting to external servers
- iOS Siri and Google Voice control supported via native apps

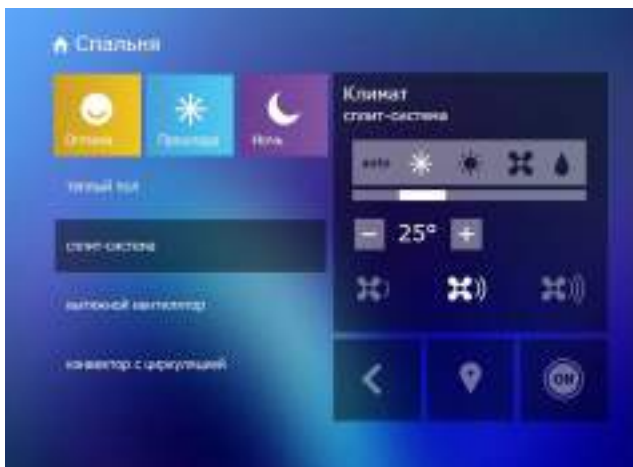
## I/O Specification

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- 1 x RS485
- 1 x RS485/RS-232 (switchable in software)
- 1 x USB2.0 (starting from 9.2016)
- 1 x 10/100 Ethernet with passive PoE support
- 1 x KNX TP1 (TP-UART2 physical layer IC)
- 1 x USB2.0



# Visualization Examples



# INTERRA

—Developer of Uniqueness—

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