

ZQxSERVER v2

ZQxSERVER ZGB

Multipurpose Lighting Server

ZQxSERVER v2 permette la configurazione, la gestione ed il monitoraggio dei dispositivi utilizzati nei sistemi ZETAQLAB. Grazie alle interfacce di comunicazione seriale, USB ed Ethernet ZQxSERVER v2 è pensato per le applicazioni Internet of Things e per l'integrazione con dispositivi e sistemi di terze parti. La versione ZQxSERVER ZGB include un dongle USB Zigbee 3.0.

ZQxSERVER v2 allows the setup, management and monitoring of devices used in ZETAQLAB systems. Thanks to the serial, USB and Ethernet communication interfaces ZQxSERVER v2 is designed for Internet of Things applications and for integration with third-party devices and systems. The ZQxSERVER ZGB version includes a Zigbee 3.0 USB dongle.



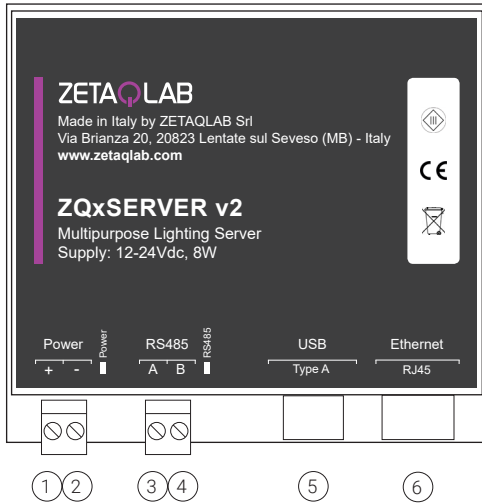
Modelli | Models

| Model | Code | Description |
|---------------|-----------|---|
| ZQxSERVER v2 | ZQ05-01R0 | Multipurpose Lighting Server. Linux OS. RS485, USB and Ethernet interfaces. RTC. |
| ZQxSERVER ZGB | ZQ05-02R0 | Multipurpose Lighting Server. Linux OS. RS485, Ethernet interfaces. RTC. USB Zigbee 3.0 dongle. |

Specifiche tecniche | Technical specifications

| | |
|-------------------------|---|
| Input power | 12-24 Vdc - 8W |
| Processor and Memory | ARM7 1.2GHz Quad-Core ARM Cortex-A53 1GB LPDDR2 |
| Operating System | Linux, with Apache Web Server |
| Ethernet | 1 x Ethernet 10/100 BaseT, Default IP: 192.168.100.100 Protocols: HTTP, TCP/IP, UDP, FTP, SSH, SNMP, SMTP, DHCP, MQTT, Modbus TCP |
| Serial | 1 x Serial RS485 (Modbus RTU) |
| USB | Type A (free only for ZQxSERVER v2 version) |
| Wireless interface | 2.4 GHz Zigbee USB dongle (only for ZQxSERVER ZGB version) Compatibility: ZigBee Home Automation, ZigBee 3.0, ZigBee Light Link Dimension: 61x18x9 mm |
| Real Time Clock | Internal battery-backed clock for time & date |
| Diagnostic LED | Power, RS485 Act, Ethernet Act/Link |
| Connector block | Screw terminals, wire cross section 0,5-2,5 mm ² (max AWG13). Ethernet: 1 x RJ45 |
| Operating Environment | Ambient temperature (ta) 0°C to +50°C Relative humidity 10% to 90%, Max. housing temp. (tc) 70°C, Storage -30°C to +80°C |
| Housing | Plastic DIN rail 5M, IP20 |
| Dimensions | 88 x 90 x32 mm |
| Weight | 140 g |
| Standards & Legislation | Approvals RED 2014/53/EU, EMC directive 2014/30/EU, LV directive 2014/35/EC, RoHS II directive 2011/65/EU, 2015/863/EU, WEEE directive 2012/19/EU Safety EN 61347-1: 2015; EN61347-2-11: 2001 EMC EN 61000-3-2: 2014; EN 61000-3-: 2013, EN55015: 2013/A1: 2015; EN 61547: 2009 ETSI EN 300-220-2 V3.1.1, ETSI EN 301-489-1 V2.1.1; ETSI EN 301-489-3 V2.1.1 |

Connessioni | Wiring



| | |
|---|-----------------|
| 1 | Power +24Vdc |
| 2 | Power GND |
| 3 | RS485 - A |
| 4 | RS485 - B |
| 5 | USB |
| 6 | Ethernet (RJ45) |

Alimentazione, seriale RS485 ed Ethernet | Power, serial RS485 and Ethernet

