

ZQxSERVER v3.0

ZQxSERVER-LTE

Multipurpose Lighting Server

Unità di controllo per la gestione dei sistemi ZETAQLAB. Interfacce Ethernet, RS232, RS485, USB, I/O. Orologio astronomico (RTC). Modem LTE integrato (SIM esclusa). Web server integrato ed applicazione xSETUP per la configurazione del sistema. Alimentazione 10-30Vdc. Scatola DIN 6 moduli. IP20.

Control unit for the management of ZETAQLAB systems. Ethernet, RS232, RS485, USB, I/O interfaces. Astronomical Clock (RTC). Integrated LTE modem (SIM excluded). Integrated web server and xSETUP application for system configuration. Power supply 10-30Vdc. 6-module DIN box. IP20.



Modelli | Models

Model	Code	Description
ZQxSERVER v3.0	ZQ05-03R0	Multipurpose Lighting Server. Linux OS. Ethernet, RS232, RS485, USB, I/O, RTC.
ZQxSERVER-LTE	ZQ05-05R0	Multipurpose Lighting Server. Linux OS. Ethernet, RS232, RS485, USB, I/O, RTC. LTE mdem.
USB Zigbee Key	ZQ05-04R0	USB Zigbee 3.0 dongle for ZQxSERVER module.

Specifiche tecniche | Technical specifications

Input power	10..30 Vdc - Typical Power Consumption 7-25W
Processor and Memory	Cortex-A72 @ 4x1.5GHz 1GB LPDDR4-3200 SDRAM, 8GB Flash
Operating System	Linux, with Apache Web Server
Ethernet	LAN1: 10/100 Mbps (Static IP: 192.168.100.100) LAN2: 10/100 Mbps (DHCP) Protocols: HTTP, TCP/IP, UDP, FTP, SSH, SNMP, SMTP, DHCP, MQTT, Modbus TCP
Serial	2x RS-232 (3 pins) 2x RS-485 (2 pins)
USB	2.0 (host), Type A
Inputs / Outputs	Digital inputs (DI): 4x DI (0..30V DC) Digital outputs (DO): 4x DO (0..30V), max. power eciency: 500 mA Analog inputs: 4x AI - range (0..10V) DC (18-bit resolution) Configurable I/Os: 4x DI/DO (0..30V DC), max. power eciency: 500 mA
Wireless interface (option)	2.4 GHz Zigbee USB dongle (mod. USB Zigbee Key) Compatibility: ZigBee Home Automation, ZigBee 3.0, ZigBee Light Link Dimension: 61x18x9 mm
LTE modem (option)	Only for model ZQxSERVER-LTE: LTE modem with external SMA antenna connector (ME 3630 E1C - Europe)
Real Time Clock	Internal battery-backed clock for time & date, Wath Dog Timer
Diagnostic LED	Power, Usert, Ethernet Act/Link
Operating Environment	Ambient temperature (ta) 0°C to +55°C, Relative humidity 5% to 95% (no condensation)
Housing	Plastic ABS DIN rail 6M, IP20
Dimensions	91 x 106 x 61 mm
Weight	280 g