

FEATURES

- Controller for Networked Intelligence
- Powerful platform for BMS connectivity
- TCP/IP gateway with 4-port Ethernet switch/router
- Compact tower style design
- LCD menu display
- Browser based configuration
- Enabler of secure remote connectivity
- Future expandable application platform



NETWORKED INTELLIGENCE UNIT LX-BMS-NIU

The CONNEX Series Controller NIU, Networked Intelligence Unit, is the Controller for intelligence and connectivity of Lonix IBMS systems. The NIU also serves as the TCP/IP gateway to BMS and contains a 4-port Ethernet switch/router with firewall. The NIU ensures secure remote connection with the BMS system and supports chaining of DDC panels over TCP/IP.

FUTURE EXPANDABLE APPLICATION PLATFORM

While being the platform for BMS connectivity and the drop-in replacement for LX-LNI, most importantly the NIU is an expandable platform for versatile existing and future applications, thus being also the flexible foundation for multi-protocol support and advanced networked services.

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TECHNICAL DATA

Operating Voltage:	24V AC/DC (±10%)
Operating Temperature:	10 ... 50 °C
Power Required:	5W (max)
Main Processor:	32 bit ARM Cortex™ A9
Clock Frequency:	800 MHz
Memory:	4 GB Flash, 512 MB DRAM
Connectivity:	4 Ethernet ports, USB 2.0 port, TP/FT-10 channel, Lonix bus plugin connectivity
Network Processor:	FT-5000
Real Time Clock:	Min. 72 hours backup time (super capacitor based)
IP Class:	IP20
Dimensions:	101 x 119 x 35 mm (2M width)
Mounting:	35mm DIN rail
EMC Standards:	Compliance according to EN 55022, EN 61000-4-3, EN 61000-4-5
Production Standards:	ISO-9001, ISO-14001

ORDER CODE: LX-BMS-NIU