

1. PRODUCT OVERVIEW

The **LF-CMSP** is a high-performance central monitoring system host designed to manage and monitor emergency lighting networks. Featuring a large capacitive touch screen and robust metal construction, it provides a centralized interface for system status, testing, and configuration. The host supports long-distance communication and can manage multiple slave devices for comprehensive building safety coverage.



2. TECHNICAL SPECIFICATIONS

Feature	Specification
Product Model	LF-CMSP
Display Method	7.0 Inch Capacitive Touch Screen, TFT Display
Load Quantity	Maximum 16 Slave Devices
Mounting Type	Wall Mounting
Operating Temperature	0 to 40 Degrees Celsius
Degree of Protection	IP20 (Dry Location)
PCB Type	FR-4 / 1.6mm

3. ELECTRICAL CHARACTERISTICS

Feature	Specification
Input Voltage	DC 12V (via Power Adapter)
Input Current	400mA
Input Power	5W

4. COMMUNICATION

Mode	Description
Slave Communication	CAN Bus / Serial Transparent Transmission (Up to 1500m)
Server Communication	Network Interface (RJ-45) for PC/Server connection

5. EXTERNAL INTERFACES

- **DC 12V Port:** Power input provided by DC 12V adapter.
- **Network Interface:** Standard RJ-45 socket for system networking.
- **USB Interface:** Used for system updates and programming.
- **RS232 Interface:** Reserved port for auxiliary connections.
- **CAN Ports (2):** Dual ports for slave device communication (H-to-H, L-to-L connection). Uses RVS 2x1.5 twisted pair wiring in a hand-in-hand configuration

6. STRUCTURAL CHARACTERISTICS

- **Dimensions:** 348 mm x 264 mm x 42 mm
- **Shell Material:** Metal

7. CERTIFICATION & COMPLIANCE

- **Standard:** UL 924 Listed
- **ML File No:** E474559

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