

8 Mbps 4xE1 Indoor Unit



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The CFM-8-4E1 Indoor Unit (IDU) is a part of the CFM-L4 radiolink, providing WAN traffic capacity of 8 Mbps and 2 Mbps to each of four E1 traffic ports.

The CFM-8-4E1 IDU is available in two versions:

- with RJ-45 balanced (120 Ω) traffic ports,
- with DB25 unbalanced (75 Ω) traffic port, all E1 channels per one DB25 connector.

The system is suitable for mobile and fixed network operators, businesses demanding E1 channels (for PBX connections, etc.) for internal phone link and various other needs.

8 Mbps 4xE1 Indoor Unit is compatible with CFM LM series. The Indoor Unit is compact 1U high, 230mm deep 19" rack mountable, powered with external DC power supply.

Any Indoor Unit with E1 traffic ports feature a convenient and modern management system, providing complete configuration and monitoring of the equipment either locally or remotely. 8Mbps 4xE1 IDU supports traditional CFM radio network management functionality, including following essential features:

- Web and Telnet management;
- ASCII management via serial port; the remote connection to IDU via serial port can be established via telephone line by using analog line modems on each site;
- SNMP management;
- IP service channel for remote management;
- LCD and keypad for local management.

The 4xE1 IDU can optionally be equipped with Alarm port. The Alarm port is implemented on DB25 port (120 Ω) and provides 4 programmable alarm outputs and 4 user inputs. The alarm outputs notify radio-related problems and power failures.

 [Radio specifications](#)

 [Management System](#)

SPECIFICATIONS	
Model name	CFM-8-4E1
Interface connectors	RJ-45 balanced (120 Ohm) or DB25 unbalanced (75 Ohm)
Compatibility with following CFM radio	CFM LM
MANAGEMENT	
Remote management via service channel	+
Web management	+
Telnet/ASCII console management support	+
Local and remote loop-back facilities	+
Extra service channel for data communications	-
Alarm port	optional
SNMP monitoring (traps)	+
Software-selectable output power	+

POWER CONSUMPTION	
Power consumption w/o Radio w/Radio	10 W max 25 W
Power supply	20 to 60 V DC, any polarity
MECHANICAL DIMENSIONS	
Dimensions H x W x D mm/ weight kg	44 x 482 x 284 / 1.7
ENVIRONMENTAL	
Ambient temperature	-5°C to +45°C

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