


34 Mbps E3 Indoor Unit



The CFM-34-E3 Indoor Unit (IDU) is a part of the CFM LM 34 Mbps radiolink. This Indoor Unit terminates E3 traffic or other type of traffic with the capacity of 34368 kbps from the customer and transfers it transparently to the radio. The traffic port is standard 75 Ω unbalanced type, equipped with BNC connectors. The E3 IDU is compatible with the CFM 34 Mbps 16xE1 IDU, allowing mixed E3 \leftrightarrow 16xE1 applications.

 [Radio specifications](#)

 [Management System](#)

E3 IDU supports the traditional CFM series 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.

The E3 IDU can optionally be equipped with Alarm port. The Alarm port is implemented on DB-25 connector and provides 4 programmable alarm outputs and 4 user inputs. The alarm outputs notify radio-related problems and power failures.

SPECIFICATIONS	
Model name	CFM-34-E3
Interface connectors	BNC
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	+
Alarm port	optional
SNMP monitoring (traps)	+
POWER CONSUMPTION	
Power consumption w/o Radio w/Radio	max 10 W max 23 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