

## 16 Mbps 8xE1 Indoor Unit



The CFM-16-8E1 Indoor Unit (IDU) is a part of the CFM-LM radiolink, providing WAN traffic capacity of 16 Mbps and 2 Mbps capacity to each of 8 E1 traffic ports. Each traffic port has RJ-45 connector for TP cable.

This 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.

16 Mbps 8xE1 Indoor Unit is compatible with CFM LM radio.

The Unit is compact 1U high, 230mm deep 19" rack mountable, powered with external DC power supply.

 [Radio specifications](#)

 [Management System](#)

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. 8xE1 IDU supports the 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 8xE1 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-16-8E1
Interface connectors	RJ-45 or DB-25*
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	13 W
w/Radio	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

\*BNC unbalanced connectivity is available via DB-25-8xBNC cables available from SAF Tehnika`s accessories.