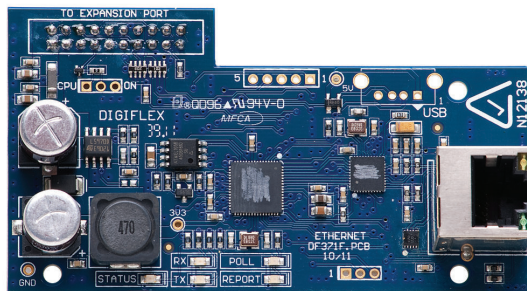


# CM751B Solution Conettix IP Ethernet Module

www.boschsecurity.com



**BOSCH**  
Invented for life



- ▶ High security (128bit encryption) replacement for PSTN line
- ▶ Remote upload / download over IP and alarm reporting over LAN/WAN
- ▶ Operate outputs and areas remotely
- ▶ Dynamic and fixed IP address support
- ▶ Conettix and CSV-IP reporting formats

The CM751B Solution Conettix IP Ethernet Module allows you to connect the Solution 16i or 144 control panel to the customer's existing IP network. Using only a narrow network bandwidth, IP transmission overcomes the limitations of the digital PSTN dialler approach, and enables supervised alarm signal transmission with virtually no additional communication costs. This makes IP the perfect solution for reducing costs and ensuring more reliable communication at the same time.

## Functions

Features like frequency variable polling, end-to-end transmission supervision and advanced 128bit encryption mean the CM751B is also well suited for high security applications. The CM751B allows the control panel to communicate with other devices connected to the IP network such as computers or access control systems, and offer a high security path for transferring alarm signal information to and from the Security Monitoring Centre. Review the panel history log as well as configure the control panel locally over the LAN or remotely over the internet or WAN.

Indicators are provided to show the condition of the local area network and activity to simplify set up and commissioning.

## Key Benefits

- Lower costs - No additional cost incurred if an existing IP network is used, saving ongoing call costs.
- High Security – Constant network supervision using frequency variable polling, advanced authentication and encryption support with PSTN dialer backup reporting path.
- High-speed Data Transmission – Enables high-speed reporting and data upload/download.
- Convenience – No annoying interruptions of shared telephone lines and no need for fax bypassing etc. when connecting via modems.
- Low Bandwidth Consumption

## Certifications and approvals

C-tick Supplier Code:	N12138
CE:	EN 55022:2010, EN 60950-1:2001
Telepermit:	PTC 211/12/017

## Technical specifications

### Power Requirements

Operating Voltage:	Supplied by panel – derate the maximum available 12V accessory power from the panel by 60mA when the module is fitted
--------------------	---

### Connections

Network Interface:	RJ45 Ethernet 10base-t or 100base-TX (Auto Sensing)
Protocols Supported:	RP, UDP/IP, TCP/IP, Telnet, ICMP, SNMP, DHCP, BOOTP, TFTP, Auto IP, SMTP, and http SolutionLink Upload / Download Software, Conettix, CSV IP, MyAlarm CID etc
Encryption:	128 bit AES Rijndael
Module Connection:	The CM751B mounts to the control panel PWA via the expansion port header and 3 plastic PCB standoffs provided. The HW750 Riser Kit, also included, should be used when the CM751B and CM101B Voice Module are installed on the same panel.

### Environmental Considerations

Temperature:	0° to 55°C Operating
Humidity:	5% to 85% at 30°C non-condensing

### Enclosure

Dimensions:	93(W) x 52(D) x 30(H)mm
-------------	-------------------------

Warranty:	3 years
-----------	---------

## Ordering information

**CM751B Solution Conettix IP Ethernet Module**  
Order number **CM751B**

#### Represented by:

##### Americas:

Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

##### Europe, Middle East, Africa:

Bosch Security Systems B.V.  
P.O. Box 80002  
5617 BA Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

##### Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia

##### China:

Bosch (Shanghai) Security Systems Ltd.  
201 Building, No. 333 Fuquan Road  
North IBP  
Changning District, Shanghai  
200335 China  
Phone +86 21 22181111  
Fax: +86 21 22182398  
www.boschsecurity.com.cn

##### America Latina:

Robert Bosch Ltda Security Systems Division  
Via Anhanguera, Km 98  
CEP 13065-900  
Campinas, Sao Paulo, Brazil  
Phone: +55 19 2103 2860  
Fax: +55 19 2103 2862  
al.securitysystems@bosch.com  
www.boschsecurity.com