

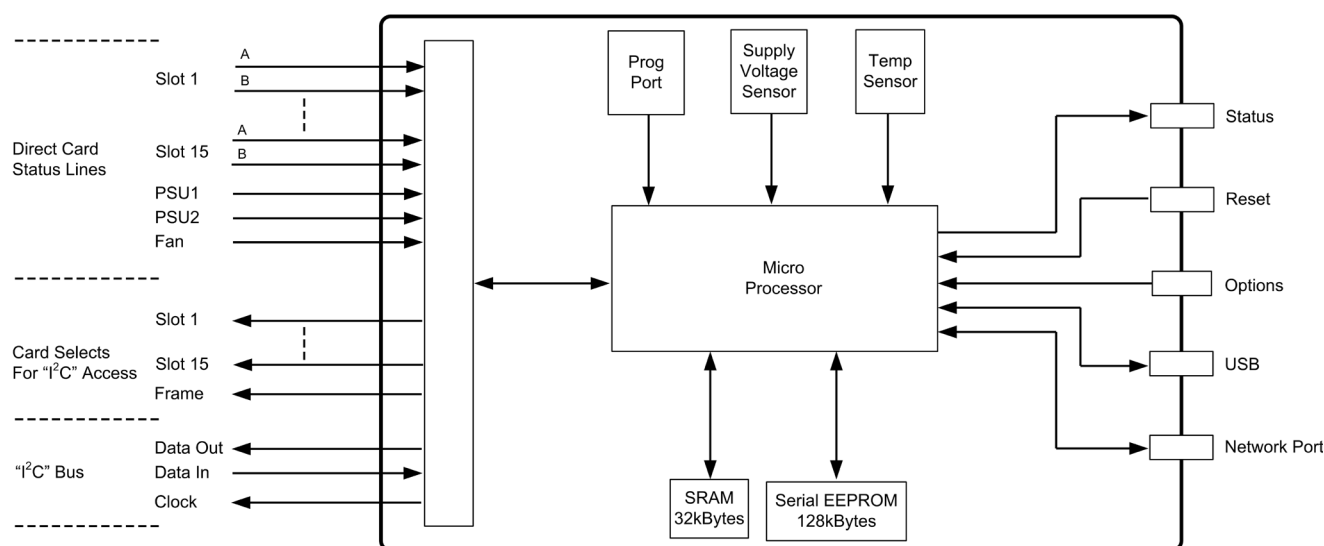
## Network Monitoring Card for BC100, BC100i, BC160, BC160i



### Description:

- Monitors card, power supply, and fan status in BC100 (15 slots) or BC160 (6 slots) frames
- Connects to SNMP systems via RJ45 Ethernet; includes built-in web interface
- Reports signal presence, PSU faults, fan failures, temperature, and voltage
- For updated ('new') cards, shows model, serial number, firmware/hardware version, and SFP details (e.g. power, temperature, wavelength)
- Installed in Slot 16 (BC100) or front slot (BC160)
- LED indicators show Ethernet link and activity; front panel LED indicates system operation
- Compatible with third-party SNMP software via available MIB file

### BM102 Network Monitoring Card



## Specifications

### Parameters reported by both BM101 and BM102

From the Frame	PSU1, PSU2 faults Frame temperature (sensor on the BM101/2) Frame internal voltage
From cards in the frame	Signal loss Channel A, B

### Parameters added on the BM102

From the Frame	Fan fault
From 'new' cards in the frame	Card Present Card Type (part number) Card Serial Number Card Hardware revision Card Firmware revision Card Function (brief summary) Signal loss Channel A, B (see note 3)
From 'new' cards fitted with an SFP	SFP Manufacturer SFP Type (part number) SFP Temperature SFP Temperature Warning SFP Supply Voltage SFP Supply Voltage warning SFP Direction (tx/rx) Ch1, 2 SFP Transmit wavelength Ch1, 2 SFP Transmit Bias current Ch1, 2 SFP Transmit Bias current warning Ch1, 2 SFP Power Ch1, 2 SFP Power Warning Ch1, 2

Depth	75 mm
Width	20mm (4HP)
Height	129mm (3RU)
Weight	170g
Power Supply	4.5 – 6v DC
Power Consumption	1.0W (160mA at +6V DC)
Electrical Connections	Ethernet 10Base-T USB Standard B socket Via the 64-way
DIN41612 connector	30 card status lines  2 power supply fail lines  1 fan fail line 16 slot select lines  3 'I2C' signals
Operating Temp	-30°C to +70°C

## Ordering Information

BM102

Network Monitoring Card with Ethernet connection for use in BC100 and BC160 frames

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