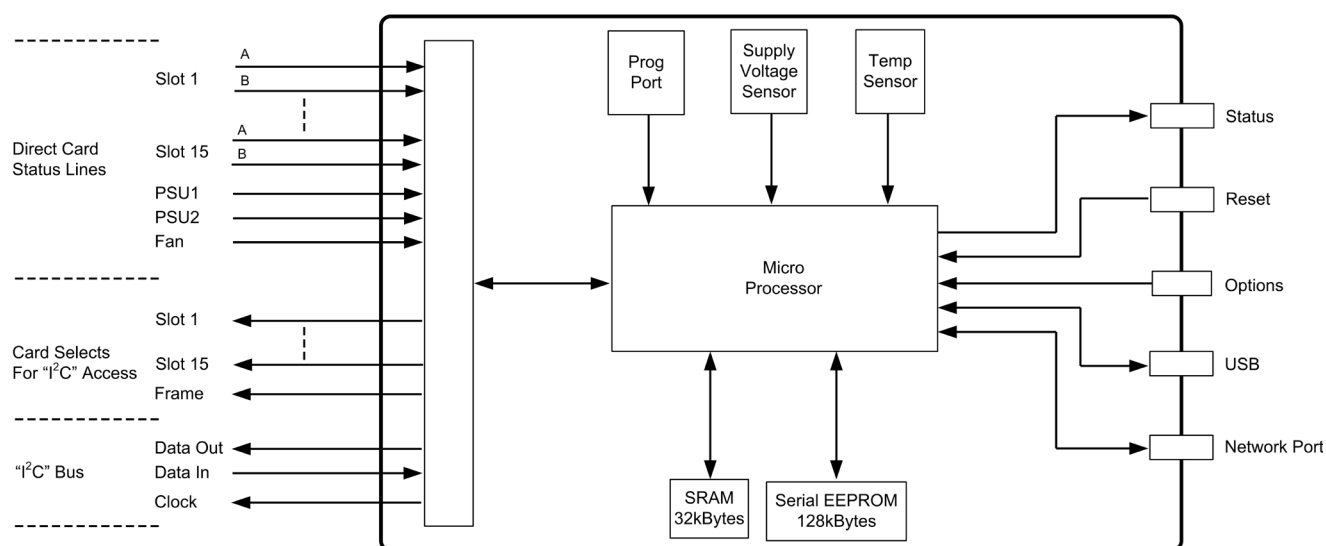# Bluebell ✳

Network Monitoring Card for BC100, BC100i, BC160, BC160i

Description:

- Monitors all card, power, fan, and temperature statuses in BC100i (15-slot) or BC160i (6-slot) frames
- Provides data via RJ45 Ethernet to SNMP systems; includes built-in web interface
- Reports signal presence, card info, PSU and fan status, frame resets, and temperature
- For updated cards, shows model, serial number, firmware/hardware version, and SFP data
- Compatible with third-party SNMP software using available MIB file
- LED indicators on RJ45 show connection and data flow; front panel LED shows active monitoring

BM102i Network Monitoring Card

www.bluebell.tv

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Email: sales@bluebell.tv

BM102i General Specifications	
Width	20mm (4HP)
Height	129mm (3RU)
Depth	75mm
Weight	170g
Power supply	4.5 - 6V DC
Power consumption	1.0W (160mA at +6V DC)
Operating temperature range	-30°C to +70°C
Electrical connections	48-way DIN41612 connector USB Standard B socket Ethernet 10BASE-T
Warranty	5 years
Conformities	
EMI/RFI	89/336/EEC, EN55022B, EN61000-4-2, EN61000-4-4 (Level 2), EN61000-4-4FTB, EN61000-4-5, EN61000-4-11
Electrical	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4
RoHS	Directive 2002/95/EC

Part No.	Description
BM102i	Network Monitoring Card with Ethernet connection.
BC160i	19" 1RU frame for up to 6 BCxxx Cards, with Dual Redundant Power Supplies, integrated microprocessor-based card/frame monitoring and 3.8" touchscreen. Monitoring card is optional and accessible via dedicated slot in the front of the frame.
BC100i	19" 3RU frame for up to 15 BCxxx Cards, with Dual Redundant Power Supplies, integrated microprocessor-based card/frame monitoring and 7" touchscreen. Monitoring card is optional and accessible via dedicated rear slot.
PS100i	90-250VAC 100-Watt Power Supply for BC100i frame. Two required per frame for redundancy.
Optical Flight Case	Ruggedised aluminium flight case housing a BC100i 3RU frame. Any combination of cards, including WDM & CWDM, can be fitted for complete flexibility. Dual mains inputs with forced air cooling and a rugged rear panel is fitted with BNC, XLR and optical connectors as necessary. Contact the UK Sales Office for a written quotation.

BM102i   Network Monitoring Card with Ethernet connection for use in BC100i and BC160i frames

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