Bluebell ☀

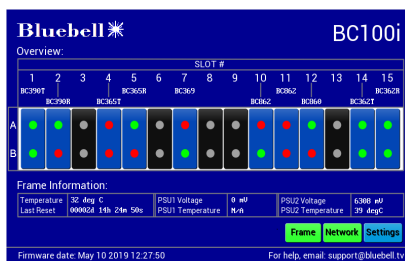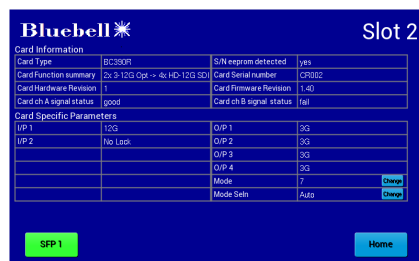## BC Series Modular Fibre Optic Interface System

Description:

- Updated version of the BC100 rack frame with enhanced onboard monitoring and diagnostics
- Holds up to 15 single-slot BC Series fibre optic interface cards
- Dual redundant, hot-swappable front-access PSUs with independent AC inlets and load sharing
- 7" front panel touchscreen displays real-time status of all cards, including signal type, PSU status, voltages, and temperature
- Monitoring and configuration via SNMP v2.1 using optional BM102i or BM103 network card in dedicated Slot 16
- Rear card loading keeps all fibre and copper cabling neatly inside the rack enclosure
- USB port for simple firmware updates from a flash drive
- Available with optional factory-fitted fan card for high-temperature environments (reduces internal temp by ~10°C)
- Ideal for OB/live trucks, fly-away kits, and fixed installations requiring robust, modular fibre transport
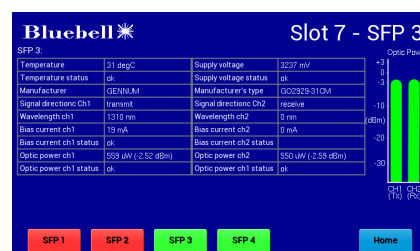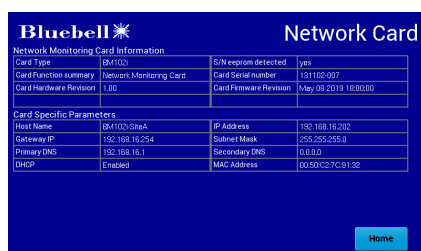
BC100i Front Panel display examples

Home Page

Card Info Page

Frame Page

Network Card Page

SFP Info Page(example)

Specifications

BC100i General Specification

Number of card slots	15 + 1 for network card option
Power supplies	2 x 100W modular units, fully redundant
Power Input	90 to 250 VAC, 47-63 Hz
Fuses	2 x T5AH 250V, integral with AC inlets
Operating temperature range	-30 °C to +70 °C
Dimensions (w x h x d)	445 mm x 132.5 mm (3RU) x 250 mm
Weight	11 kg (fully-loaded)
Warranty	5 years

General Specifications

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

Ordering Information

BC100i-3RU — 19″ 3RU Chassis for up to 15 BCxxx Cards with optional Network Monitoring and Dual Redundant Power Supplies (not supplied). Includes touchscreen display.

BC100i-3RU/48V — 19″ 3RU Chassis for up to 15 BCxxx Cards with optional Network Monitoring and facility for Dual Redundant Power Supplies (not supplied). Fitted with 48V dc input.

BM102i — Network Monitoring Card with Ethernet connection for Slot-16

BC140 — Extender Card for BC100 3RU Chassis

PS100i — 90-250VAC Power Supply for BC100i-3RU

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