

## BC Series Modular Fibre Optic Interface System



### Description:

- BC160i: Upgraded version of the BC160 rack frame for BC Series fibre optic interface cards
- Holds up to six single-slot BC cards of any type; dual redundant power supplies fitted as standard
- Ideal for OB trucks, live production, fixed installations, and fly-away systems
- BC cards plug into the rear of the frame, keeping all cabling contained within the enclosure
- Optional BM102i or BM103 network card enables IP-based SNMP v2.1 monitoring via dedicated front panel slot
- 3.8-inch colour touchscreen provides continuous, colour-coded signal status for each card, with per-slot detailed data and PSU, voltage, and temperature readings
- Front panel USB port for easy firmware updates
- PSUs are hot-swappable, load-sharing, and capable of powering a fully loaded frame independently
- Uses convection cooling; only vertical spacing above and below is typically required for optimal operation

## Front panel display examples

### Home Page

PSU 1	B 5 A	B 3 A	B 1 A	PSU 2
		BC369	BC362T	
	B 6 A	B 4 A	B 2 A	
	BC862		BC362R	
Temperature: 24.2 degC Last Reset: 00000d 00h 15m 15s				
PSU1 Supply Voltage: 5862 mV PSU2 Supply Voltage: 6042 mV				
<a href="#">Frame</a> <a href="#">Network</a> <a href="#">Settings</a>				

### Card Page

Card Information in Slot 3:		UP	SFP1
Card Type	BC369	DOWN	SFP2
S/N eeprom detected	yes		SFP3
Card Function summary	Multi-format 2x: SFP ↔ SFP		SFP4
Card Serial number	109116.02-003	Home	
Card Hardware Revision	1		

### Frame Page

Frame Information		UP	PSU1
Card Type	BC160i	DOWN	PSU2
S/N eeprom detected	yes		Fan
Card Function summary	Frame 1U, 6slot		
Card Serial number	14685-002	Home	
Card Hardware Revision	3.00		

## Specifications

### BC160i General Specifications

Number of Card slots	6 + 1 for network card option
Power Supplies	2 x 60 W, fully redundant
Power Input	90 to 260 VAC, 50-60 Hz
Operating Temperature Range	-30 °C to +70 °C
Dimensions (W x H x D)	445 mm x 44.5 mm (1RU) x 150 mm
Weight	4.5 kg (fully – loaded)
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

## Ordering Information

BC160i	19" 1RU Chassis for up to 6 BCxxx Cards with optional Network Monitoring and Supplied with Dual Redundant Power Supplies. Includes touchscreen display.
BM102i	Network Monitoring Card with Ethernet connection
BC160P	19" 1RU Chassis for up to 6 Passive BCxxx Cards. No psu or monitoring capability.

### Related Products

BC160	19" 1RU Chassis for up to 6 BCxxx Cards with optional Network Monitoring and Supplied with Dual Redundant Power Supplies.
BC100i	19" 3RU Chassis for up to 15 BCxxx Cards with optional Network Monitoring and Dual Redundant Power Supplies (not supplied). Includes touchscreen display.
BC100	19" 3RU Chassis for up to 15 BCxxx Cards with optional Network Monitoring and Dual Redundant Power Supplies (not supplied).
BC160P	19" 1RU Chassis for up to 6 Passive BCxxx Cards.
BC101	Single Slot Chassis with 4-pin XLR.
BC102	Dual Slot Chassis with 4-pin XLR.
BC120	Triple Slot Chassis with Universal Mains Power Supply.



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