

Multifunctional Display

BC4-series / VGA 10.4"

The BC4-series is a purpose built all-in-one HMI specifically developed for use on railway vehicles. Based on the tried and proven application of the onboard EBuLa (electronic timetable), the BC4-series features a user-friendly interface and a service panel on the front face. The device features up to 45 minute UPS back-up ensuring the stability of operating applications and data safety.



At a glance

- Powerful x86 VIA processor
- Front Service Panel
- Integrated UPS (45 min.) with charge management
- Interfaces: RS232/422/485, Ethernet, CAN, USB, PS/2
- PC/104 expansion slot (e.g. MVB)
- Wide range power supply 24-110V DC (+/- 40%)
- -25°C up to +60°C Operating temperature range
- EN50155, EN50121-3-2, EN60068, EN61373, EN 45545

Options:

- WiFi with integrated antenna
- GSM-R module with external antenna
- GPS module
- UPS with DLC instead of battery
- Enclosure with swivel frame

Specifications

Specifications	BC4-series
Processor	x86 VIA Eden, VIA Nano 1 GHz
RAM	512 MB
Storage	Compact Flash Slot
Display	10.4" TFT-Display, VGA 640 x 480 LED-Backlight Automatic and/or manual brightness control
Keyboard	25 short-stroke keys LED Key Illumination
Interfaces	RS422/485, RS232, Ethernet, USB, PC/104, PS/2 (opt. CAN, MVB, Audio)
Power supply	Wide range power supply 24 – 110V DC (+/- 40%) integrated UPS with battery charging management
Environment Controller	Temperature and power management Status and diagnostic LEDs on front (lower/over temperature and key confirmation)
Operating temperature	-25°C up to +60°C
Operating system and hardware drivers	Windows, DOS
Standards / Norms	EN 50155, EN 50121-3-2, EN 60068, EN 61373, EN 45545
Dimensions WxHxD	310 x 214 x 145 mm
Options (on request)	Automotive HDD Customer specific keyboard layout Front foil with customer logo WiFi, GSM-R, GPS Microphone, loudspeaker UPS with DLC instead of battery Enclosure with swivel frame

Contact Information

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