

Monaco 7100 series

vehicle mount terminal

RUGGED
by Design!

Rugged and Reliable

Belgravium's technical development team has produced a unit that is robust, maintaining performance levels in the harshest of conditions, including the sub-zero temperatures of a cold store operation. The primary use of the 7100 series terminal is as a vehicle-mounted device providing a high level of process automation.

Innovative Features

The Monaco terminal includes large, backlit keys that allow for data entry by gloved fingers and provide high visibility. The sealed membrane keyboard offers resistance to chemicals and fluid ingress and is a non-condensation/non-freeze design. The high definition, high contrast, colour TFT display affords maximum visibility in all lighting conditions. The five-wire touch screen design remains fully functional even when damaged

Industry-standard Platforms

The Monaco x-scale microprocessor architecture ensures optimal processing speed. The Monaco supports Wi-Fi and GPRS radio for high-speed wireless communications, and numerous terminal emulation standards for easy integration with any application package available. The terminal operates under the Windows CE platform providing access to Microsoft application packages and browser based functionality.



Some of the many key features of the Monaco 7100 series

- Single PCB design with shock absorption
- High impact Xenoy ABS fascia
- Heavy duty stainless steel case
- Internal battery allows movement of terminal from vehicle to vehicle, with no loss of data
- Display has wide viewing angle
- Full QWERTY keyboard
- Can be utilised as a static or mobile terminal
- A range of bar code and RFID tag reading options
- A high contrast TFT 1/4 VGA, ideal for use in direct sunlight
- Rugged five-wire touch screen for industrial applications

See reverse for the technical specification



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Technical Specification

PHYSICAL CHARACTERISTICS	INTERFACES
Size (mm): 256w x 228h x 40d Weight: 2.2kg Case Material: Rugged stainless steel chassis Facia: Xenoy	Serial Port: 3 x RS232, 1 x RS422/485 2x PCMCIA: Type I/ III/ III (1 internal, 1 external) Compact Flash: Option Opto Isolated Digital I/O: 2 x Input, 2 x Output USB Port: 2 x host, 1 x client GPRS
ENVIRONMENTAL	MOBILE COMMUNICATIONS OPTIONS
Operating Temperature: -5°C to 50°C Optional Cold Store Opt. Temp: -30°C to 70°C Storage Temperature: -20°C to 50°C Relative Humidity: 95% (Non Condensing) IP Rating: IP65 Rain Dust Compliant Withstands vehicle vibration	WiFi - IEEE802.11 a,b,g Audio: Internal 1 watt speaker Ext. Microphone/Headset option Bluetooth (voice & data)
POWER	EXTERNAL SCANNER OPTIONS
Memory Backup Battery: NiMH + SuperCap (Guarantees Data Integrity) Power Management: Belgravium Optimum, Power Management (OPM) Internal UPS: Uninterruptable 30 minute backup battery	Standard Range Long Range High Performance Wireless Scanner
OPERATING SYSTEM	RFID + WIRELESS SCANNER OPTIONS
Windows CE5.0	LF 125KHz HF 13.56MHz UHF 865.6 .. 868MHz
LIQUID CRYSTAL DISPLAY (LCD)	KEYBOARD INTERFACE
Type: Colour TFT (High Visibility in direct sunlight) Size: 1/4VGA Colour 5.7" Resolution: 320 x 240 Pixels Programmable Backlight: Brightness and Timing Adjustable Touch Screen: 5-wire resistive finger or stylus operated Impact test: 250g metal ball, multiple impacts from 1 metre	Backlit Keypad 30 Function Keys 0-9 Numeric Keys A-Z Alpha Keys Alt, On/Off, Programmable & Enter Keys Up, Down, Left & Right Cursor Keys
HARDWARE	
CPU: X-scale Flash Memory: 64Mb Memory: 64Mb - Optional 128Mb	



Monaco 7100 can be used in conjunction with WS-100 wireless scanner



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