

powerlineECCO

data sheet



Ergonomic and flexible Barcode reader

powerlineECCO is a mobile barcode reader which can be used in data storage mode (batch) or real time data transmission mode. In batch mode the captured data is stored in the internal memory and send to a host when the device is connected via USB interface. In online mode, the scanned barcode data is send via wireless Bluetooth connection in real time to a host like smartphone, tablet PC, PDA, laptop or Bluetooth enabled PC.

Ergonomic, small and light weight

Thanks to the ergonomic design, the low weight and the easy handling, the powerlineECCO guarantees a very high user acceptance. As a handy device it is easy to be carried in the pocket, on a neck lanyard or in a belt pouch.

Simple two button operation plus two configurable action keys

With powerlineECCO capturing data is getting very easy. When scanning barcodes in batch-mode, the data is automatically stored in the internal memory. If however a wrong barcode was scanned, it can easily be deleted from the memory by rereading the wrong barcode using the delete button.

In online-mode the scanned data will be sent directly to the connected host. If no Bluetooth connection exists, the data is stored in the memory and resend after the device is reconnected.

For all applications where additional data or functions are required, the two action-keys can be configured with static data which are added to the data record and stored or send according to the configured operation mode. Thanks to the simple operation no user training is required!

Ruggedized for use in harsh environments

With a double wall ABS plastic housing encased in a protective rubber the powerlineECCO withstands multiple drops from 1.6 meters to concrete. The IP 64 rating allows the use in very dusty and humid environments. The powerlineECCO withstands even the brief dip into water.

Long battery runtime

Thanks to the integrated high capacity Li-Ion battery, the powerlineECCO can be used for more than 24 hours in batch mode and more than 16 hours in Bluetooth online mode. In both modes the operation time is well over a single working shift.

Easy adaptable to existing applications

The powerlineECCO can be used in existing applications without any programming effort. Based on the established communication protocol, the powerlineECCO can be used in applications made for OPN2001 and CS1504.

The change artist

A unique feature is its changeable top cover. Self-explaining button caption as well as individual color and logos are making the powerlineECCO easily adaptable to any corporate identity policy.

High Quality "Made in Germany"

Convinced of the quality of the powerlineECCO Panmobil grants a guaranty period of 24 month including a 24 hours exchange service for defects occurring during this guaranty period.



powerlineECCO

CPU	ARM7
Memory	4 MB
Proof of Data	Non volatile memory
Date/ Time	Realtime clock
Interface	USB Serial
System Support	Windows Vista/XP/Win 7 (32 and 64 bit)/Server 2003/2000
Wireless	Bluetooth Class 1 (100 m): HiD or SPP master/slave
Audio	Speaker
LED	Red/Green/Yellow/Blue
Keyboard	4 Keys; Two keys are user configurable
Vibration	Vibration Feedback
Barcode	1D Laser Module EAN-8, EAN-13, UPC-A, UPC-E, Code128, Code39, Code93, Interleaved 2of5, Chinese 2of5, Codabar, Codablock_F Depth of Field 4mil 20mm-85mm 10mil 20mm-230mm 15mil 60mm-440mm 40mil 180mm-760mm Barcode configuration via pc software
Size	87x48x26 mm
Weight	98 g
Housing	Double wall Inside: Strong ABS Outside: Stressable rubber
Battery	1000 mAh Lithium-Ion battery; Recharging via USB port
Power Consumption	Working: 150 mA Idle: 85 mA Wireless Communication: 200 mA Power Off: < 1 mA
Protection Class	IP 64
Shock Resistance	1,6 m to concrete surface
Temperature	operating temperature: 0 °C to +50 °C storage temperature: -20 °C to +60 °C
Humidity	5% to 95% (non-condensing storage)
Certificate	RoHS, WEEE, CE, FCC

Accessories



Power Adapter



Nylon case



Shirt Clip



Belt Clip



Safety Lanyard



Car Recharging Adapter



advanced
PANMOBIL[®]
systems

advanced PANMOBIL systems
GmbH & Co. KG
Hansestr. 91
51149 Cologne
Germany

Tel : +49 (0) 2203-10 334 777
Fax: +49 (0) 2203-10 334 720

info@panmobil.com
www.panmobil.com

We do not accept liability for
printing errors and mistakes.
2013/04-1