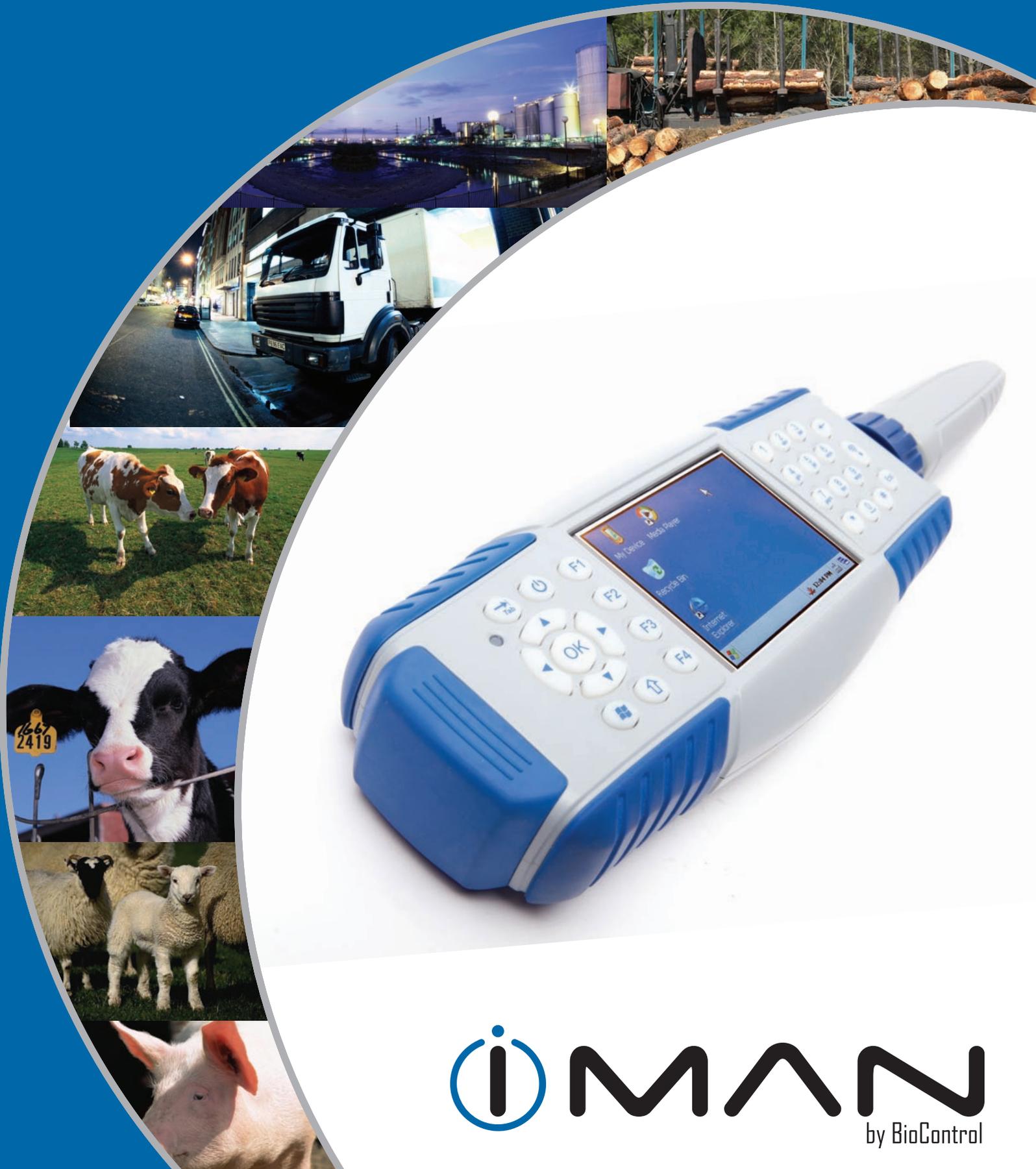


RFID Control





iMan with exchangeable RFID readers and optional handgrip

BioControl Reader Concept

The RFID reader is detachable and exchangeable, which implies that the user can select the antenna configuration that is best suited for the application.

This also enables the use of different technologies (134.2 kHz, 125 kHz, 13.56 MHz, etc.) using the same iMan.

Stand alone RFID readers

The RFID reader is actually a 'stand alone' reader with RS485 connection. This implies that multiple addressable readers can be connected to the same RS485 bus.

The BioControl Reader Concept thus enables system integrators to easily make their own reader application with this range of rugged stationary readers.

Best performance ISO 11785 RFID readers

BioControl's ISO 11785 RFID readers have exceptional good reading performance.

The RF-field of the readers synchronizes with stationary readers according to ISO 24631-2, which implies that the reader does not disturb the reading performance of detectable stationary readers.



RFID reader and handgrip can be connected to either side

Always on-line Process Control

The Docking Cable connects iMan with power supply, RS232, RS485, Ethernet and USB interface, which makes iMan very suited for Process Management.

In case of Ethernet communication, when disconnected from the Docking Cable, iMan stays connected to the process Controller via WLAN. The user can walk around with iMan, being on-line continuously.



RFID reader and handgrip mounted





Bright
RGB-LED

*iMan is very comfortable
to hold and work with*

all in one Control

iMan is the ideal tool for system integrators and solution providers that want to offer Windows-CE RFID solutions with best RFID performance.

With the BioControl Reader Concept, iMan offers a range of detachable RFID readers and options so that users can easily make the configuration that best suits their application.

iMan can be used as User Interface for a Process Controller, but is also capable to be the Real Time Process Controller itself.

The rugged design makes iMan the ideal tool for RFID management applications in harsh environments such as livestock production and industry.

Fast and easy navigation

iMan can be used for one-hand operation (portrait) and two-hand operation (landscape) for faster data-entry.

The intuitive lay-out and special function keys enable fast cursor navigation without the use of a stylus.

The bright RGB-LED makes a variety of color indications possible. The on-board true-audio speaker gives an unlimited range of alerts, signals and 'ringtones'.

The TFT LCD-screen with LED backlight makes the display good readable in sunlight. The keyboard is equipped with backlight for night operation.





iMan Docking Block for easy connection to Ethernet, USB host and client, RS232 and RS485.

One watertight, durable D-SUB connects iMan to Docking Cable or Docking Block (connector comes with dust/dirt cover).

Features	
Operating System	Windows CE 6
Processor	ATMEL AT91SAM9261
Processor speed	210 MIPS
RAM	64 Mbyte SDRAM
Memory extension	Micro SD Card
NAND Flash memory	128 MByte
User interface	
Display	3.5" QVGA 320x240 - - TFT - LED backlight - Sunlight readable - Touchscreen
Keyboard	Backlighting for night use
Notification light	Bright full-color RGB LED
Sound	Real Audio speaker
<i>Specifications subject to change without prior notice</i>	
Physical characteristics	
Dimensions	22.3 x 9.4 x 4.2cm
Weight	Appr. 580 gr.
Battery	2.000 mAh, NiMH
Water, dust protection	IP67 (with caps mounted)

* = available at later announcement
** = one piggy back option

Standard accessories	
Docking cable: USB cable and mains charger	
On both iMan sides: RS485 reader interface	
On D-SUB: RS232, RS485, Ethernet, USB host and client	
Handstrap on back	
Windows CE 6	
Optional functions and accessories	
Docking block: - 1x Ethernet, 9 pin RS232, RS485 - 2x USB host, 1x USB client	
Exchangeable readers	
Exchangeable handgrip for extra reach	
WLAN	
Piggy back**: Bluetooth 2.0*, GSM/GPRS*	
12V vehicle charging cable	
Available iMan readers	
RFID	ISO 11784 /11785 Reads HDX & FDX-B
RFID synchronization with stationary readers	According to ISO 24631-2
RFID reader connection	4 pin, RS485