

# The benchmark in time and attendance – the B-web 93 60 terminal

B-web 93 60 with  
RFID and biometric reader



reddot design award  
honourable mention 2011

Whatever you expect of your time and attendance system – the B-web 93 60 makes it possible. The terminal is also so flexible that you can also use it for other tasks: in access control, project time and attendance or as collection terminal in an ERP system.

The operation of the B-web 93 60 is simple, convenient and secure with 'Guide by Light'. The full-screen glass front is equipped with an individually illuminated capacitive keypad. 'Guide by Light' ensures that the keys required for the operation process light up brightly when they are waiting for input. This interaction between bright and dimmed keys guides you reliably through all collection menus.

The time bookings of the employees are recorded via an RFID reader, preferably Legic, Mifare or HID. The memory is generously designed for 10,000 employees; you can set up the number of required master and booking records in line with your requirements.

By means of an Ethernet interface with DHCP/DNS you integrate the terminal simply and quickly into your network, using the automatic IP address allocation.

The B-web 93 60 is supplied with power via Power over Ethernet (PoE). Further power supply variants such as 230 V or 24 V are available on request.

You can pre-install the necessary power and information connections quickly and conveniently in the docking station. With its 1-Click installation, the terminal can be simply and quickly installed.

The B-web 93 60 application package equips the terminal with comprehensive and flexible functionalities for your time and attendance. These are supplemented by attractive additional standard features such as

- encryption of the data recorded between terminal and communication software,
- the realization of individual processes through the programming with the interpreter language AVISO,
- the use of the B-web 93 60 for the control and management of readers and components for access solutions,
- the CardLink function with which you combine the components of the online access control with those of the stand-alone access control to form an integrated security solution.

## Your benefits at a glance

- ideal for all requirements of modern time and attendance
- simple and intuitive user guidance through 'Guide by Light'
- modern design with new materials
- support of all conventional RFID standards
- integration of biometric identification and verification solutions
- access control functionality through the connection and control of access readers
- encryption of the data traffic between terminal and communication software
- the Ethernet interface facilitates simple integration into a network via DHCP through automatic allocation of an IP address
- standard power supply via Power over Ethernet (PoE)
- AVISO interpreter language for individual programming
- reliable and fast 1-Click installation
- innovative 1-Click analysis and 1-Click replacement in combination with B-COMM Java
- investment-protected through compatibility with the B-Net and Bedanet terminal series
- protection class IP54

**Made in Germany**  
developed and produced  
in Germany

## Performance overview B-web 93 60 terminal

	B-web 93 00	B-web 93 20	B-web 93 40	B-web 93 60
<b>Hardware</b>				
Basic device	●	●	●	●
Docking station <sup>1</sup>	●	●	●	●
Capacitive keypad	●	●	●	●
QVGA display 320 x 240 dots	●	●	●	●
User guidance Guide by Light <sup>2</sup>	○	○	●	●
<b>Readers<sup>2</sup></b>				
RFID reader (Legic, Mifare, HID)	●	●	●	●
Other RFID readers <sup>4</sup>	○	○	○	○
Biometric module <sup>2</sup> 500, 3,000 or 5,000 persons	○	○	○	○
Magnetic stripe reader <sup>4</sup>	○	○	○	○
CCD scanner	○	○	○	○
Barcode scan engine <sup>4</sup>	○	○	○	○
<b>Interfaces</b>				
10/100 Ethernet interface	●	●	●	●
RS-485 / RS-422 communication	○	○	○	○
RS-232 external periphery	○	○	○	○
GSM host communication	○	○	○	○
<b>Power supply</b>				
PoE according to IEEE 802 .3af	●	●	●	●
24 V AC/DC <sup>3</sup>	○	○	○	○
230 V internal power supply unit <sup>3</sup>	○	○	○	○
Uninterruptible power supply	○	○	○	○
Data retention in case of power failure	●	●	●	●
<b>Memory options</b>				
Number of persons 200	●	●	-	-
Number of persons 1000	○	○	-	-
Number of persons 2000	○	○	●	-
Number of persons 10,000	○ <sup>2</sup>	○ <sup>2</sup>	○ <sup>2</sup>	●
<b>Software modules</b>				
Basic software TA1 "offline"	●	-	-	-
Basic software TA2 "offline/online"	○	●	●	●
Enhanced input				
list entry, numeric input, soft keys, language selection	○	○	●	●
Enhanced information				
display info, mailbox texts, plain text info	○	●	●	●
Option access incl. support of up to 4 subterminals	○	○	●	●
Option data encryption	○	○	○	●
Option CardLink (write Legic, Mifare)	○	○	●	●
Option DHCP/DNS	○	●	●	●
Option HTTP	○	●	●	●
Optional AVISO programming	○	○	○	●

<sup>1</sup> Optional equipment with a circuit board in accordance with the selected power supply and/or digital I/Os.

<sup>2</sup> Determination of the version when the product is ordered. Changed designs possible by replacing the terminal.

<sup>3</sup> With subsequent change, the replacement of the docking station is necessary.

<sup>4</sup> Installation is done in the substructure housing when ordering; not possible subsequently.

Standard ●  
optional ○

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Certification according to  
DIN EN ISO 9001

