



**KABA®**

# Time recording – redefined B-web Terminal 93 00

Elegant design with innovative usability concept



reddot design award  
honourable mention 2011

# In pursuit of perfection



”Perfection is achieved, not when there is nothing more to add,  
but when there is nothing left to take away.“

Antoine de Saint-Exupéry

# Design and functionality – B-web 93 00 sets new standards

The new B-web 93 00 terminal series sets new standards with its design language and innovative configuration concept. You define the software extension in the hardware that comes in two colours. Simple, flexible and secure investment, the terminal grows with your needs without having to be taken off the wall.



## Novelties

- **Guide by Light**  
intuitive user guidance
- **Soft adaptation**  
simple function upgrades
- **Integration of biometrics in identification and verification**
- **One-click installation**  
simple and quick
- **One-click analysis**  
simple analysis in B-COMM Java
- **One-click replacement**  
simple replacement

## Investment protection

- Compatible with previous terminal series
- Compatible with current RFID technologies
- Versatile powering with Power-over-Ethernet, 230 V AC, 24 V as well as uninterruptible power supply systems
- Variety of communication interfaces like Ethernet, RS-232, RS-485 and GSM
- Made in Germany

# Guide by Light

This intuitive concept facilitates simple and convenient operation of the terminal. There are illuminating keys for basic functions like 'in', 'out' and 'absence'. For advanced features such as language selection and customised lists, there are special keys beside the display. Numbers are entered through a numeric keypad including 'clear' and 'enter' commands.



# Simple operation

The RFID reader symbol also lights up when the reading of RFID medium is required to identify the employee. This interaction between brightly illuminated and dimmed keys guides the employee intuitively through the operation; the daily entries become much easier and erroneous entries are minimized. If you require it in your company, you can select from different languages in the user guidance.



## Example booking of a business trip

### Step 1

All five symbols are dimmed. The absence key is selected, the RFID reader is activated.

### Step 2

The badge is held against the RFID reader to enter into the system.

### Step 3

Following a successful entry, a list of reasons-for-absence appears. The employee chooses the right absence reason and confirms.

### Step 4

The successful booking is confirmed with an optical display and an acoustic signal.



Step 1



Step 2



Step 3



Step 4



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Fri 23-Apr-10 08:51

Official absence

Present the badge

# Easy installation

## Quick and secure one-click installation

B-web terminals are principally delivered with a docking station for wall installation. The standard version does not need a power cable, as the terminal runs on Power-over-Ethernet (PoE), available through the network cable, just like data transfer. A one-click installation is sufficient.



One-click installation also means that the terminals are delivered with DHCP/DNS register in the network automatically. There they are recognised by B-COMM Java (from 2.9), allocated to a channel and parameterised.

## Docking station for a simple installation

The docking station is affixed to the wall and the preinstalled network cable is plugged into the Ethernet port on the back of the terminal. The terminal is then secured onto the docking station. Done.

If the unit is powered with 230 V, the docking station is delivered with a preinstalled motherboard complete with all interfaces including additional options such as connections for door surveillance and sub-terminal.

Secure the terminal on the docking station when all the connections are in place. Simple. This simple installation offers another benefit, i.e. the clean separation of the sub-tasks and responsibilities.



## Docking station for PoE\* data line

The base station can be easily affixed to the wall.



## Docking station with optional extension

Optional enhancements like door surveillance and sub-terminal can be preinstalled.

\* Power over Ethernet IEEE 802.3af

Pure innovation, B-web 93 00



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23-Apr-10

08:45

In

Present the badge





Thu 02-Sep-10 14:05

In

Present the badge

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# Functional enhancements

## One hardware, many functions

The B-web 93 00 terminal series adapts according to your requirements. You decide which of the four available modules you want to use: 93 00, 93 20, 93 40 or 93 60 (see page 15 for details). Subsequent functional extensions are always possible.

## Online functional extensions

Suppose you opted for the basic B-web 93 00 entry model for recording 'in' and 'out' data. After some time, you want to extend the functionality to include 'extended information'. You do not have to take the terminal off the docking station or undertake any software or hardware adjustments.

You just order an additional license and download it into the terminal. The additional keys are illuminated and the relevant functions are activated. It takes only minutes to do this. The B-web uses the well-established B-COMM Java software.



### Employee information

Detailed information on employee account



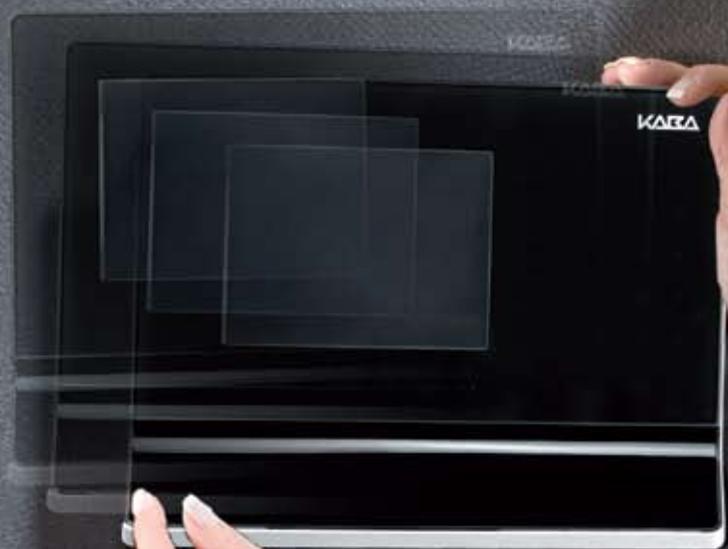
### Reason for absence

List of options for easy input



### Cost centre change

Unrestricted input from cost centres



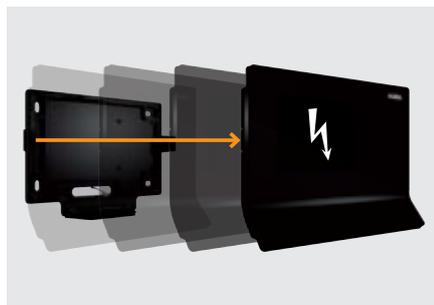
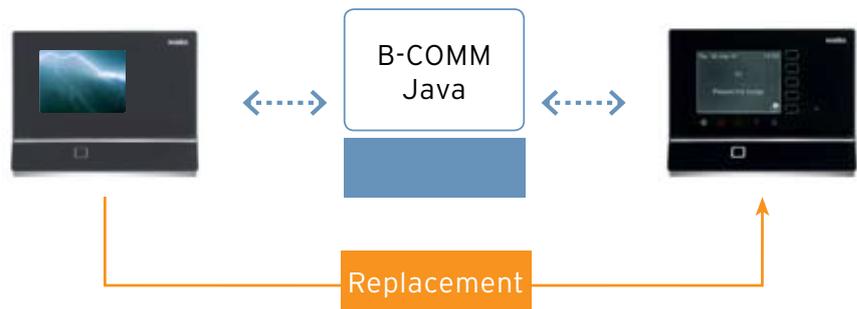
# Easy replacement

## Damage to the equipment by external factors

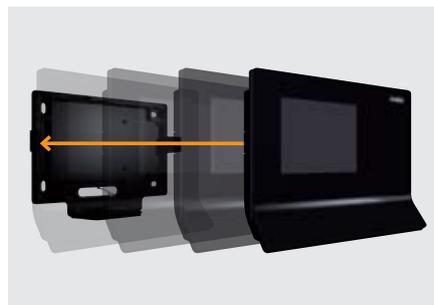
Speed is essential in case of damage to the terminal. Every failed booking costs money. That is why the B-web 93 00 has an integrated one-click replacement feature. Click off the defective terminal, click in the new one, log on and continue working. The configuration remains secure in the background and is available immediately.

A secure integration platform is at hand in the form of B-COMM Java. This proven software administers and secures the integration of all registered terminals.

This ensures that all parameters and functions are available following the automatic commissioning of the replaced terminal.



**Click the terminal out of the docking station**  
The safety catch is disengaged and the terminal can be removed. Existing customer enhancements remain in the docking station.



**Click in the replacement terminal in the docking station**  
The terminal is now connected and is secured.



**Terminal detection, data transmission, continue working**  
Enter the serial number of the replaced terminal. The configuration is transmitted and the terminal is immediately ready for operation.

# Easy fingerprint identification

Alternatively, you can integrate a biometric reader. A fingerprint is a personal ID your employees always have on them. It can't be lost or forgotten. The finger as a sign of recognition - that is really simple. You can use the fingerprint function for identification on its own or for additional verification in combination with an RFID reader. You can even add PIN functionality for extra security.



# Selecting the right solution

## Standards welcome

You can have your B-web terminals integrated into your existing RFID systems, which include:

- Legic prime / advant
- Mifare classic / DESFire
- HID prox / iCLASS

This is how you can combine the innovative with the proven - really simple.

## Access control

Use your B-web 93 00 also for access control. You can connect up to four access control readers to one terminal to check authorisations, provide access and to monitor.

## CardLink

CardLink is an integral cable-free access control concept, which enables standalone components to perform in an online integrated system. It works by loading and transporting data on a smart key or a badge, hence avoiding the cost and hassle of cabling. You can use your B-web terminals to facilitate authorisation updates to your staff and visitors using this function.

## Operation without B-COMM Java

Of course the B-web terminal also works without the B-COMM Java software. In that case the one-click functionalities are not available and the terminal operates in the same manner as the predecessor B-Net series.

## A robust terminal

You do not need heating for the display of the B-web. It works at temperatures of -10 to +55 °C. Protection class IP54, reinforced housing optional.

Versions of B-web terminals	93 00	93 20	93 40	93 60
<b>Hardware</b>				
Base module	•	•	•	•
Docking station *	•	•	•	•
Capacitive keypad	•	•	•	•
QVGA display 320 x 240 pixels	•	•	•	•
Guide-by-Light user guidance **	○	○	•	•
<b>Readers **</b>				
RFID reader (Legic, Mifare, HID)	•	•	•	•
Other RFID Leser ****	○	○	○	○
Biometric reader ** (capacity 500, 3'000, 5'000 fingerprints)	○	○	○	○
Magnetic stripe reader ****	○	○	○	○
CCD scanner	○	○	○	○
Barcode scanner ****	○	○	○	○
<b>Interfaces</b>				
10/100 Ethernet TW interface	•	•	•	•
RS-485 partyline	○	○	○	○
RS-232 external peripheral devices	○	○	○	○
GSM host communication	○	○	○	○
<b>Power supply</b>				
PoE (Power over Ethernet)	•	•	•	•
24 V AC/DC ***	○	○	○	○
230 V internal power supply ***	○	○	○	○
Uninterruptible power supply	○	○	○	○
Data preservation in case of a blackout	•	•	•	•
<b>Memory options</b>				
200 people	•	•	-	-
1'000 people	○	○	-	-
2'000 people	○	○	•	-
10'000 people	○*	○*	○*	•
<b>Software modules</b>				
Time and attendance basic offline module	•	-	-	-
Time and attendance offline/online module	○	•	•	•
Extended entries (lists, digits, soft keys, language options)	○	○	•	•
Extended data (display info, mailbox text, plain text info)	○	•	•	•
Access control (incl. software support for up to 4 sub-terminals; RS-485 option required)	○	○	•	•
Option data encryption	○	○	○	•
Option CardLink (Legic, Mifare write)	○	○	•	•
Option DHCP/DNS	○	•	•	•
Option HTTP	○	•	•	•
Option AVISO programming	○	○	○	•

Standard • optional ○

\* Optional extension with a suitable motherboard depending on power type  
 \*\* Definition at time of order placement, modifications possible anytime through a replacement of the front panel  
 \*\*\* Installation inside the terminal after order placement  
 \*\*\*\* Later modifications need replacement of the docking station and the front panel



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