

# Budget-Line Terminal

## Kaba Benzing *time*



The time attendance terminal Kaba Benzing *time* facilitates easy entry into the world of electronic data collection.


Through its self explanatory operation, quick installation and attractive price it is particularly suitable for small firms, chains, freelancers and civil services.

Typical areas of operation are:

- Recording of time attendance data for payroll accounting
- Gathering real-time base data for deployment scheduling
- Time recording for calculation of projects as well as service calls
- Authorized absence tracking and query on time balance information
- Display of personalized mailbox messages

### Product Features

- Reliable, approved hardware for trouble-free long term operation
- Choice of integrated readers for identification and data recording
- Parameter driven offline mode for high availability and secure data collection
- Plausibility check and data retention with automatic power fail restart guarantee high data integrity and availability
- Attractive and functional design in a rugged housing
- Numeric matrix keypad and five colored function keys with pictograms for standard functions such as "clock-in", "clock-out", "authorized absence", "balance query" and special key
- Background illuminated LCD display for easily readable operator guidance even in poor light conditions
- Suitable for single workstations or network integration in the same way
- Standard Ethernet interface and 24V power supply allow effortless system integration and data communication.
- External wide range power supply 100 - 240V AC for worldwide use (optional)

**Made in Germany**  
 developed and manufactured  
 in Germany

## Hardware

### Electronic

- Reliable microcontroller system

### Display

- 2x20 characters LCD-display, background illuminated

### Keyboard

- Robust membrane keypad with tactile feedback

### Interfaces

- Standard Ethernet host interface 10/100 Mbps (RJ45)

### Memory

- Buffered offline data memory for 50 master records and approx. 1.200 data records (standard)

## Readers

- Legic
- Mifare
- Barcode
- Mag-stripe

## Software

### Firmware

- Parameter driven Time Attendance software

### Operating Mode

- Offline

## Mechanic

### Design

- Robust, reinforced plastic housing, sealed on all sides
- Easy and safe service- / installation access through hinges and lockable construction
- Integrated reader module

### Dimensions

- Width 150 mm
- Height 198 mm
- Depth 32/80 mm (wedge-shaped)

Detailed dimensional drawings can be found as a download on our home page.

## Power Supply

- 24V AC/DC
- Backup battery for data retention

## Environmental conditions

- Operating temperature:
- 0°C to +40°C, not in direct sunlight
- Humidity: 10 - 95% non condensing
- Protection class according to IEC 60529: IP 54 with Legic, Mifare and Barcode reader
- IP 30 with magnetic strip reader

## Optional Accessories

- External wide-range power supply 100 - 240V AC



Certified according to DIN EN ISO 9001



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