

**KABA®**

# Access Control Manager – Bedanet® 92 90

Fulfills all requirements for effective access solutions

# Access Control Manager Bedanet 92 90 – Use and Benefits

The Bedanet 92 90 fulfills your demand for an effective Access Control solution: simple Access Control and the protection of complex and highly sensitive areas. The Access Control Manager directs all your access and security needs, such as opening doors and turnstiles; controlling escape and rescue routes; and controlling alarms for external security organizations, e.g. the police.

Acting as a central station, the 92 90 Access Control Manager checks the data delivered from the subterminals and then decides whether a door opens or not.

To fulfill control and surveillance functions, the Bedanet 92 90 Access Control Manager has a series of digital entries and exits that can be assigned to different functions, e.g. the control of an elevator.

To protect the Access Control Manager against unauthorized use and vandalism, the device is always installed in a secured area.

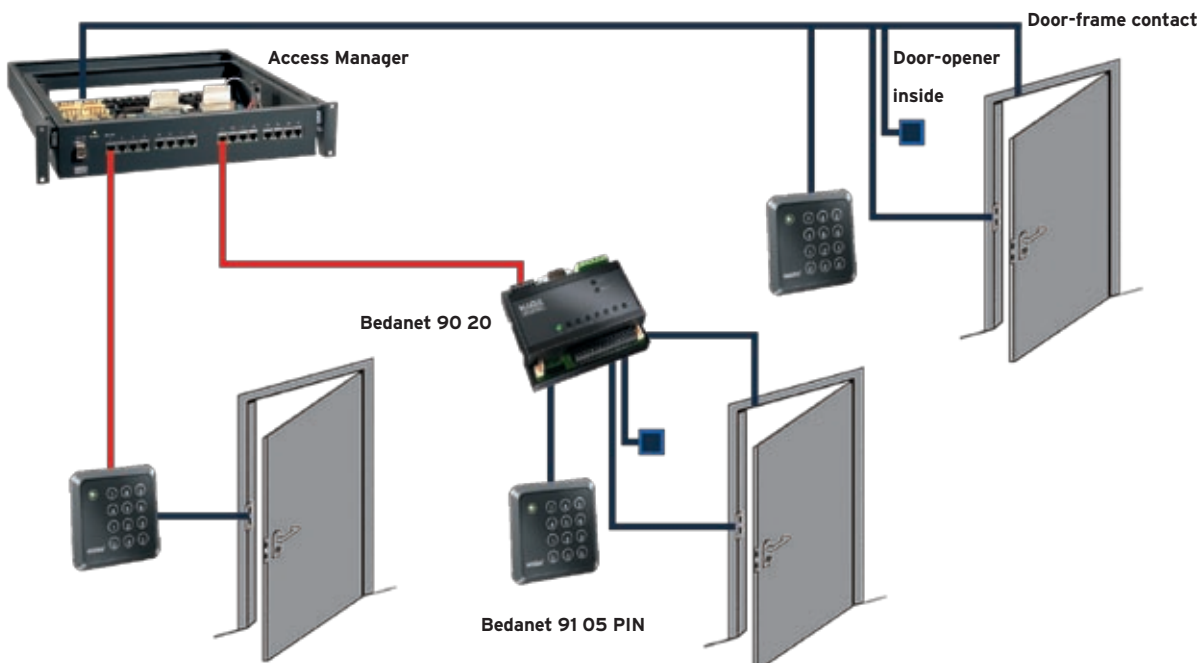
An integrated sabotage contact system reports any manipulation attempts to the superior IT system.

The Bedanet 91 xx subterminals are located at access points along the perimeter of the building, or inside the building.

They act as data entry stations and pass the recorded information on to the Bedanet 92 90 Access Manager. Depending on the application area, long range solutions are available e.g. for large reader distances. For increased security demands, the Bedanet 91 20 Fingerprint terminal can also be implemented. This terminal uses biometric fingerprint data instead of badge data for identification.

**blue** door with direct wiring

**red** structured cabling topology with RJ45 for RS485 and power supply



The Bedanet 92 90 Access Control Manager has a large amount of memory due to its high-performance CPU. It can store more than 50,000 master records and more than 100,000 booking records. The master record structure is easy to configure and can be adapted to a company's specific needs.

Like master record contents, badge definitions are variable. The Access Control Manager is able to interpret and evaluate these different badges. This feature can be very useful in situations such as corporate mergers when different badges (e.g. LEGIC and mag-stripe) will continue to be used.

The Bedanet 92 90 Access Control Manager is available in two different versions. One version is an electromagnetic compatible unit in a metal switch cabinet with a safety lock ready for installation. If the Bedanet 92 90 is to be integrated with an existing structured cabling topology, it is delivered in a 19" rack version. This version enables easy wiring of the subterminals via patch field and a simple connection of the digital inputs and outputs using pluggable terminal blocks. In both cases, integration into subsystems for time recording and production data collection takes place via a standard Ethernet interface.

Based on modern Web technologies, the Bedanet 92 90 can be operated, maintained, and serviced via the Internet.



#### Features - Bedanet 92 90

- Memory for up to 50,000 variable master records and 100,000 booking records
- Programmable door configurations with variable Input/Output definition
- Programmable plausibility checks, e.g. for customer number, badge version, time profiles, and employee location tracking
- Possible operating modes are online, fast online, offline, and autonomous
- Standard 10/100BaseT Ethernet interface
- Internal power supply 230 V AC
- Data conservation for a period of 2 years in case of power failure and automated restart

- Integrated sabotage contact
- Connection of 2, 4, 8, or 16 subterminals
- Door management and surveillance functions as well as alarm management
- Number of digital inputs and outputs is expandable through external I/O nodes
- Galvanically isolated signal inputs
- Available output voltages:
  - 2 x 24 V DC, 2A
  - 6/12 V AC, 2 A for door activation and subterminal supply
- Contact loading capacity of relays 48 VA
- Delivered as electromagnetic compatible unit in a metal switch cabinet with

safety lock ready for installation

Dimensions (HxWxD)

410 x 300 x 120 mm,

Weight approx. 8.6 kg

- 19" rack version with removable housing and pull-out rack adapter for convenient mounting in an IT rack and simple wiring via patch field
- Dimensions (HxWxD)
- 90 x 484 x 430 mm,
- Weight approx. 9.8 kg
- Manufactured according to DIN EN ISO 9001 : 2000 quality standard

#### Optional

- RS 485 host interface
- UPS (operating time dependent configuration)

Bedanet is a registered trademark of Kaba GmbH.  
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The logo for KABA, featuring the word "KABA" in a bold, stylized, blue font with a registered trademark symbol (®) to the right. The letters are blocky and interconnected, with the 'A' having a distinctive shape.

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