



## Access Network Converter      ANC1616-B

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The ANC1616-B network server is a multi functional device that can be set to several modes.

In the “CerPass” mode, the ANC1616-B facilitates communication between the AMS PC and door controllers through a TCP/IP Ethernet network.

In the “Biometrics” mode, the ANC1616-B enables the connection of the Fingertip reader AR6332-BI to a TCP/IP Ethernet network.

In the “Device Server” mode, the ANC1616-B connects the serial devices to a TCP/IP Ethernet Network.

## Configuration

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The ANC1616-B can be configured either locally (by using an emulation terminal on the serial connection PC to ANC1616-B) or remotely (by using a Telnet client).

This configuration is stored in the EEPROM of the ANC1616-B device and is retained even without electricity supply.

### ANC1616-B Access Network Converter

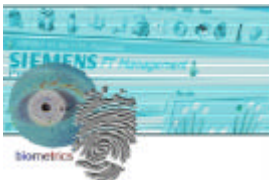
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#### “CerPass” application



- Communication between AMS PC and door controllers through a TCP/IP Ethernet network
- Up to 16 slaves ANC1616-B can be connected to the master ANC1616-B
- Up to 16 door controllers can be connected to each slave ANC1616-B
- Up to 64 door controllers for each CerPass system
- Possible mixed operation of local door controllers and network door controllers

#### “Biometrics” application



- Own IP address for the connected fingerprint reader
- Possible encrypted (Two Fish) interface between the ANC1616-B and SIPOINT NT Bio FTM.

#### “Device Server” application

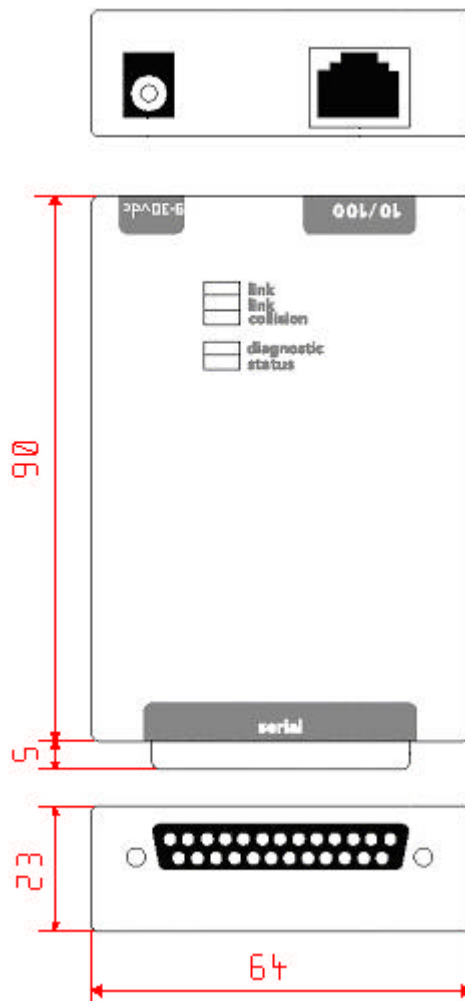
- Connection of serial devices to Ethernet networks
- Connection through a TCP data channel or through a Telnet connection

## Technical data

Power supply	Jointly shipped power supply (100-240 VAC/500 mA in, 12 VDC/800 mA out) Supply is provided without power connection cable – cold device plug.
Serial interface	25-pin Sub-D socket
Network interface	10/100 BaseT Port (RJ45 plug)
Operating temperature	-20 to +60 °C
Storage temperature	-40 to +66 °C
Network load	<1% (for CerPass application, it is independent of the amount of connected door controllers)
Status display	2 LEDs for device status display 3 LEDs for network status display
Weight	Approx. 0.35 kg (without power supply)

## Dimensions (mm)

ANC1616-B



**Details for ordering**

Type	Order-No.	Description	Net weight (approx.)
ANC1616-B	6FL7023-8AA	RS232/LAN converter	0.4 kg

**Related components**

AR6332-BI	6FL7173-8AA	AR6332-BI – Fingerprint reader for identification or verification with PIN	0.2 kg
Special cable	6FL7173-8BC	4-wires cable with 25-pol. Connector (connection of the fingerprint reader to the ANC1616-B device)	
AZK6870	GBQ:512067	RS485 Connection cable of the ANC1616-B to the CC30xx	

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Subject to change