ELECTRONIC ACCESS CONTROL

INTUS ACM Access Control Managers at a glance

pcs

INTUS Access Control Managers

The control center of an access control system.

Access readers and door terminals are used to open doors, turnstiles or gates. They require an intelligent Access Control Manager in the protected area to check all the authorizations and initiate the corresponding release.

The INTUS ACM series relies on particularly powerful processors. Supplied with data from a central host, INTUS ACMs use predefined area & time profiles to quickly decide whether a door is to be opened or to stay closed.

All the INTUS access readers – from RFID readers to biometric terminals – connect to Access Control Managers. "Easy Addressing" allows simple plug&play installation: Just connect point-to-point, and the ACM will automatically detect any reader. It does not get any simpler than that.

Access Control Managers at a glance.

All INTUS ACMs from PCS are equipped with a full security package to safeguard your sensitive access data: An embedded firewall protects the access system against attacks from the internal corporate network. Data encryption prevents unauthorized eavesdropping on the lines. And a three-level password system for remote ACM configuration and maintenance secures the modification rights of the defined user groups.

Multiple integrated test functions facilitate installation and reduce service and maintenance times. All the inputs are individually optically decoupled.

Even if a reader fails due to a voltage surge on the feeder line, all the other readers will keep on working.

The connected readers and door strikes are energized directly from the Access Control Manager (12 VDC or 24 VDC supply). This eliminates the need for complex cabling with separate power supply systems for the door strikes or RFID readers and ensures quick and cost-efficient installation. All the INTUS ACM models can be supplied from a wide-range power supply unit. Access Control Managers can also be used to control burglar and fire alarm systems. And they are equipped with a tamper contact that will send a signal to the higher-level system if an attempt at vandalism is detected.

INTUS ACM80e Wall and Rack

The wall-mounted version of the INTUS ACM80e can be used to control 4, 8 or 16 access points. It's easily installed on a wall using four screws.

The INTUS ACM80e Rack is designed as a 19" rack mount device for electronic control cabinets. Cables are installed via a front patch panel in the server cabinet. This version can be used to control 8 or 16 access points.

INTUS ACM40e

The INTUS ACM40e controls 4 access points per INTUS reader plus 4 access points via INTUS Flex radio. It's easily installed on a wall using four screws.

An optional Wiegand module allows you to use the INTUS ACM40e in legacy systems.

The battery backed INTUS ACM40e Akku maintains full functionality for up to four hours in the case of a power failure.

Power supply options for the INTUS ACM40e include an integrated wide-range power supply unit, 12V/24V low-voltage supply or Ultra PoE.

This is what all INTUS ACMs have in common: a powerful CPU, data encryption, vandalism protection, reliability and fast response.

INTUS Access Control Managers

INTUS ACMs keep on working reliably even if in continuous operation for years on end. The powerful CPU in the INTUS ACM models controls the connected access readers and door terminals reliably and fast even if complex programs or large amounts of data have to be handled.

State-of-the-art transmission protocols are supported to make sure that INTUS Access Control Managers can also be used in cloud solutions.

Technical data

This is what distinguishes all the INTUS ACMs:

- Made in Germany
- Embedded firewall
- Data encryption
- Tamper contact

- Cloud-enabled with HTTPS interface
- Reader / door strike supply voltage
- Alarm interfaces for vandalism
- 3-level password system

		INTUS ACM40e	INTUS ACM80e Wall	INTUS ACM80e Rack
Features	Master records	26,000 – 99,999	26,000 – 99,999	26,000 – 99,999
	Bookings	24,000 – 161,000	24,000 – 161,000	24,000 – 161,000
	CPU	ARM9-G45 / 400 MHz	ARM9-G45 / 400 MHz	ARM9-G45 / 400 MHz
	Switchable reader and door strike supply voltage	12V DC or 24V DC	12V DC or 24V DC	12V DC or 24V DC
Network connectivity	Ethernet	10Base-T / 100Base-TX	10Base-T / 100Base-TX	10Base-T / 100Base-TX
	Protocols	TCP/IP (IPv4/IPv6), HTTP/2 with TLS 1.2, IEEE 802.1X, NTP and DHCP/DHCPv6	TCP/IP (IPv4/IPv6), HTTP/2 with TLS 1.2, IEEE 802.1X, NTP and DHCP/DHCPv6	TCP/IP (IPv4/IPv6), HTTP/2 with TLS 1.2, IEEE 802.1X, NTP and DHCP/DHCPv6
Dimensions	Dimensions (H x W x D) in mm	INTUS ACM40e: 255 x 369 x 64 INTUS ACM40e-Akku: 255 x 420 x 90	336 x 551 x 100	90 x 438 x 300
Interfaces	Reader connection	4 galvanically isolated RS485 interfaces; optional Wiegand	8 galvanically isolated RS485 interfaces	8 galvanically isolated RS485 interfaces
	Reader protocols	LBus, optional OSDP, optional Wiegand	LBus, optional OSDP	LBus, optional OSDP
	Door control	8 digital inputs, 4 switching relays (5A)	16 digital inputs, 16 switching relays (5A)	16 digital inputs, 16 switching relays (5A)
	System control	4DI/4DO; 1DO (bistable relay)	4 DIs/4 DOs; 1 DO switchable to bistable relay	4 DIs/4 DOs; 1 DO switchable to bistable relay

Time for security.

made in
germany

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