PCS. The terminal people.®

pcs
Systemtechnik GmbH

Terminal for Time and Attendance and Access Control

INTUS 3450

+ MagicEye for direct signaling
+ Customized keyboard design
+ Flexible touch screen or robust membrane keyboard
+ Integrated firewall, data encryption and password

Time management

Employee information station

3450

INTUS 3450 Family

Data acquisition terminal for time and attendance recording, access control, and for use as an employee information station. The INTUS 3450 is not only a repeated design-award winner. The integrated security package ensures highest data integrity with embedded firewall, data encryption to the host and the connected access readers, and a three-tier hierarchical password concept. Excellent functional ergonomics is provided by the MagicEye which allows swift and secure optical signaling to passing users.

Technical Data

- Modern ARM-RISC architecture
- 2 MB Flash Eprom
- 16 MB SDRAM

Technical Data
INTUS 3450.

Programming Languages

- Freely programmable in TCL6 from PCS
- Parametrizable in TPI from PCS

Computer interfaces

- 10/100BaseT, Ethernet TCP/IP

Integrated readers

- RFID reader (Mifare, Hitag, iCLASS, Legic)
- Chipcard reader
- Magnetic card swipe
- Barcode infrared
- Combination reader (RFID and barcode)

Power supply

- Integrated interference-proof power supply
- 230 V/AC, 50Hz
  20VA/42VA (with heating)

Dimensions/weight

- Dimension 120 x 222 x 295 mm (D x W x H)
- Weight 2.6 kg
- Colour Front: white aluminium
  Bottom unit: RAL 7016 anthracite

	INTUS 3450 -time	INTUS 3450 -timeplus	INTUS 3450
LAN host interface	10/100BaseT	10/100BaseT	10/100BaseT
4 pole screw clamp	Yes	Yes	Yes
RJ45 Plug	Yes	Yes	No
DI/DO for door control	No	2DI / 1DO	2DI / 1DO
Integrated reader interface	No	Yes (1 access reader)	No
Slot for serial interface module	No	No	2

Serial interface modules:

- RS485 host interface, optically decoupled
- V.24 host interface (not optically decoupled)
- LBus module, optically decoupled, to connect up to 8 access readers

- 1 MB battery-backed SRAM (for approx. 5,000 master sets and 10,000 bookings), expandable by 2 MB SRAM (for 21,000 master sets and 42,000 bookings)
- Realtime-clock with battery
- Buzzer
- Vandalism contact, strong lock

Available displays/keyboards

- 240x64 pixel semi-graphic display, white back-lighting
  Parametrizable as a 2x40 character display
- choice of membrane keyboard or 8x8 matrix touch
- the touch screen supports customized keyboard lay-outs using backmounted templates
- MagicEye for optical operation signaling: blue, green, red

Security features

- Embedded Firewall
- Data encryption to the host and to the connected access readers
- Login and password assignment for remote setup and maintenance

Ambient conditions

- Ambient temperature in operation
  0°C to +40°C
  Optionally with heating -25°C to +40°C
- Storage temperature -25°C to +50°C

Standards

- CE-compliant

Other notable features

INTUS terminals include software developed by the Open SSL project for use in the OpenSSL Toolkit (http://www.openssl.org) and cryptographic software written by Eric Young (eay@cryptsoft.com).

Technical specifications subject to change without notice.

PCS, INTUS, DEXICON, INTUS LBus and "PCS. The terminal people" are trademarks of PCS Systemtechnik GmbH.

All other brands and product names are trademarks or registered trademarks of the respective companies and organisations.