

Security Control Unit

IDT 32

IDT 32 Expansion Cards

I300-205.01	PRA Power Relay Adapter <ul style="list-style-type: none"> • Requires one slave slot • 3 relays, each with 48V / 4A (output through RJ45) • Maximum power consumption 65 mA
I300-201.01	R2D2 Slave Card <ul style="list-style-type: none"> • Requires one slave slot • Input for 2 clock/data readers • 2 Door opener relays • 2 Alarm relays • 2 Door opener inputs • 2 Status monitoring inputs • Power consumption 160 mA
I300-203.01	I8O8 Digital Card <ul style="list-style-type: none"> • Requires one slave slot • 8 Relay outputs • 8 Relay inputs • Power consumption 150 mA
I300-204.01	M8O8 Analogue Card <ul style="list-style-type: none"> • Requires one slave slot • 8 Relay outputs • 8 Monitored line inputs (4 status) • Power consumption 210 / 680 mA
I300-208.01	MB 1 M sensor Bus card <ul style="list-style-type: none"> • Requires one slave slot • 2 Bus lines, each with 63 devices • Bus 1 compatible • Power consumption 40 mA



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19" units with 32 readers / doors when fully populated



An extensive range of modular plug-in cards



Basic system, up to 4 readers / doors

The IDT 32 Security Control Unit

IDT 32 Security Control Unit for up to 32 doors with 32 readers and 32 keypads

The IDT 32 is a modern, high-end control centre with wide-ranging application in the areas of alarm monitoring, fire detection and video surveillance. Through its modular construction, the best, bespoke, Plug-&-Play customer solutions can be created. The IDT 32, with its high-performance security system leaves nothing to chance in today's world of security technology.

The core of this system is a 32-bit CPU, which is used with success in the automotive industry, with 6 MB of CMOS memory. This can be used for example, for up to 65,000 cardholders and at least 100,000 transactions or for example, 2,000 cardholders and 250,000 transactions.

Alongside the CPU and the power adapter unit, you can select all commonly used communications systems (Ethernet, analogue, ISDN, GSM) from the extensive program of modular plug-in cards. To complete the picture, you can then choose from a range of plug-in cards with digital inputs, door opener relays, alarm relays or output relays to build your solution. Monitored line cards are also available as an option.

Up to 32 doors, readers and keypads can be combined with this modern, high-end control centre.

Later expansions or updates can quickly and easily be added through the modular plug-in technology used.

With the IDT32, you have chosen a future-safe technology, which sets no limits.

Properties

- 32 bit high-performance processor with 1 MB flash and 6 MB CMOS memory and integrated Ethernet, RS485 and RS232 interfaces in a realtime operating system
- Administers up to 65,000 cardholders
- Memory for up to 250,000 transactions
- Administers up to 30,000 access profiles (zones)
- Up to 32 readers, doors and keypads can be connected
- Autonomous battery power supply as an option
- Service-friendly RJ45 connection technology
- Downloadable operating system
- Modular expansion through Plug-&-Play system
- High DES3 data security with TCP/IP communication
- RS485 and modem interfaces possible
- Acoustic fault display
- Max. 32 readers, including up to 4 master readers, 32 doors, 4 cameras
- Max. 100 FSMs, each with up to 64 kb parameters
- Host communication over Ethernet and modems, on a TCP/IP basis
- Slave communication using RS485

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Technical data

Ambient temperature	+5° C - +50° C
Relative humidity (without condensation)	Up to 98%
Protection class	IP20
Housing colour	Aluminium
Dimensions (BxHxD)	482 mm x 177 mm x 214 mm (with cover and Patch panel)
Weight	ID32, approx. 8.1 kg, Patch panel, approx. 1.9 kg (expanded basic unit 2)

I301-000.01 19" Basic Unit 1

- 4 plug-in positions
- 1 CPU slot
- 3 Slave slots
- Additional connection option for a VdS or lo-cost power supply

I302-000.01 19" Basic Unit 2

- 21 plug-in positions
- 1 CPU slot
- 2 Communication slots (COM)
- 2 Power supply slots (PS)
- 16 Slave slots

I300-250.01 CPU 3201

- 32 bit micro-processor
- 1MB Flash
- 6MB RAM (CMOS)
- Up to 65,000 employees and at least 100,000 transactions (with 2,000 employees, there is memory for 250,000 transactions)
- Up to 32,000 zones (access profiles)
- RS485 interface, for max. 4 x PKT Master readers
- RS232 interface
- 10 MB Ethernet interface
- Power consumption 320 mA

I300-302.01 10 / 100 MB Switch

- Requires one COM slot
- 4 RJ45, 10 / 100 MB Ethernet ports
- Power consumption 90 mA

I300-207.01 4 x RS485 interface card

- Requires one COM slot
- 4 x RS 485
- 4 x RS485 interface, switchable between full and half duplex
- Power consumption 20 mA

I300-301.01 Modem carrier plug-in card

- Requires one COM slot
- 2 modem plug positions
- One RS232 interface (RJ45)
- Power consumption 90 mA + modems

F623-000.01 Analogue modem

F624-000.01 ISDN modem

F625-000.01 GSM modem (Class 10 modem)

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IDT 32 Power supply adapters

I300-501.01 Power Supply Adapter 1

- Requires 1 PS or slave slot
- 9 VAC/ 12 VDC, 1.5A input
- Power supply units can be switched in parallel
- Power supply unit Z080-130.01 is required for the power supply

I300-502.01 Power Supply Adapter 1-N

- Requires 1 PS or slave slot
- 9 VAC/ 12 VDC, 1.5A input
- Backup power supply 1.35 Ah, incl. rechargeable battery
- Power supply units can be switched in parallel
- Power supply unit Z080-130.01 is required for the power supply

I300-503.01 Power Supply Adapter II

- Requires 1 PS or slave slot
- 12 VDC / 4A input on each socket
- 4 x RJ 45
- Power supply units can be switched in parallel
- External power supply unit is required for the power supply

I300-505.01 Power Supply Adapter III

- Requires 1 PS or slave slot
- 12 VDC / 4A input on each socket
- 4 x Low-voltage sockets
- Power supply units can be switched in parallel
- We offer power supply unit Z080-140.01 for the power supply

IDT 32 Power supply adapters

I300-504.01 19" Power Supply Unit (44 TE)

- 230 VAC input
- 12 VAC / 6A output (switchable to 24V / 3A)
- 4 x RJ 45
- With battery connection, up to 24 Ah, e.g. Battery Z070-070.01
- Occupies 11 slots

Z080-130.01 Power Supply Unit I

- Output: 12 VDC / 2A
- Input: 230 VAC

Z080-140.01 Power Supply Unit II

- Output: 12 VDC / 5.5A
- Input: 230 VAC

Z070-070.01 12V, 24 Ah Battery

- For use with I300-504.01, 19" Power Supply Unit

Z070-080.01 12V, 1.35 Ah Battery

- For use with Z080-130.01 Power Supply Unit I