



## IDT 2x



The IDT 2x is a modern high end Access control panel with many different access control deployment options. It can be integrated seamlessly into modern building cabling landscapes, making it ideal for the current demands made of an easily scalable access control infrastructure. Thanks to the use of flexible DIN profile-rail technology, the device has optimum characteristics for integration in standardised electrical installation environments.

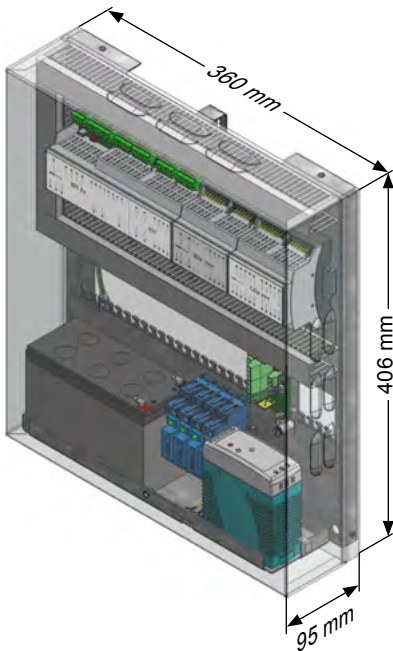
The system can handle wide-ranging logic functions. The basic module includes a number of inputs and outputs, which can be increased if required through expansion modules. The panel's status is indicated through LEDs mounted on the top of the device.

Above: Basic module  
Below: Expansion module



### Features / Connectivity

- ▶ Host communication over Ethernet on a TCP/IP basis
- ▶ 3 RS485 interfaces available
- ▶ High data security through 3DES or AES encryption with TCP/IP communication and AES encryption with RS485 communication
- ▶ Status visualisation through LEDs
- ▶ Can be used with prime WebAccess and ZKSWIN
- ▶ Modular expansion options



## Technical data

<b>Dimensions (L x W x H)</b>	161 x 90 x 61 mm
<b>Temperature range</b>	+5°C to +55°C
<b>Protection class</b>	Up to IP65 is possible (when combined with a separate housing)
<b>Power supply</b>	10-28 VDC
<b>Communication</b>	Ethernet, USB SPP, RS232, 3 x RS485, profile-rail bus for expansion modules
<b>Inputs</b>	8 x Digital IN
<b>Outputs</b>	4 x Semi-conductor relays (30 V/0.4 A closer) 2 x Relays (30 V/2 A change-over contact)
<b>2 x Reader connection, each with</b>	4 x Digital IN, 2 x Relays (30 V/2 A change-over contact)
<b>MMI</b>	LED display in parallel with the inputs/outputs for status display
<b>Additional functions</b>	Memory retention in the case of power-outages 6 Module expansions are possible
<b>Module expansions</b>	IO module (8 x Digital IN and 4 x Relays 30 V/2 A change-over contact) Clock/Data module (4 x Clock/Data readers)
<b>Minimum version requirement</b>	prime WebSystems Version 7.40 Build 154 or higher

## Ordering information

### IDT 2x Regular basic unit

I200-000.01	—————	IDT 2x Regular, base module Memory capacity for up to 50,000 credentials (16 digital inputs, 6 relays, 4 semi-conductor relays)
I200-100.01	—————	IDT 2x Regular, base module in a metal housing for wall-mounting Memory capacity for up to 50,000 credentials (16 digital inputs, 6 relays, 4 semi-conductor relays); with 12V/5A power supply; space for up to 2 expansion modules
I200-200.01	—————	IDT 2x Regular, base module in a metal housing for wall-mounting Memory capacity for up to 50,000 credentials (16 digital inputs, 6 relays, 4 semi-conductor relays) with 13.8V/2.8A power supply with charging circuit; space for up to 2 expansion modules

### IDT 2x Regular expansion modules

I200-010.01	—————	I8O4 module; 8 digital inputs, 4 relays (8 digital inputs, 4 relays)
I200-012.01	—————	Clock/data module; for the connection of 4 clock/data (Wiegand) readers.
Z200-000.01	—————	Backplane, long
Z200-010.01	—————	Backplane, short

### IDT 2x Regular unit licences

S900-001.01	—————	Unit licence for the connection of up to 2 readers
S900-002.01	—————	Unit licence for the connection of up to 4 readers
S900-003.01	—————	Unit licence for the connection of up to 8 readers
S900-004.01	—————	Unit licence for the upgrade from 2 to 4 readers
S900-005.01	—————	Unit licence for the upgrade from 4 to 8 readers
S900-006.01	—————	Unit licence for the upgrade from 2 to 8 readers

### IDT 2x Accessories

Z200-020.01	—————	Metal housing for wall-mounting, incl. 12V/5A power supply Space for one basic module and up to 2 expansion modules
Z200-030.01	—————	Metal housing for wall-mounting, incl. 13.8V/2.8A power supply with charging circuit; Space for one basic module and up to 2 expansion modules
Z080-151.01	—————	Power supply; 12V/5A
Z080-152.01	—————	Power supply; 13.8V/2.8A; with charging circuit
Z070-010.01	—————	Rechargeable battery; 12V/7.2 Ah
Z090-001.01	—————	IDT 2x connection cable for profile-rail bus

