

IF-4072 Terminal Controller

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The IF-4072 terminal controller convinces with its easy installation. In order to prevent sabotage or manipulation, the controller is installed in a secured area.

The IF-4072 controller is technically state-of-the-art and can be integrated into a 10/100 MB Ethernet network. Power can be supplied via PoE HUB (PoE = Power over Ethernet), extra low voltage or a separate power supply unit without any problems. With PoE, the costs for a separate power supply can be saved.

The control and monitoring of doors, for example, takes place via two relays and 4 input contacts. The controller is available in four different versions for the support of two, four, eight or sixteen terminals.

Main Functions

Field of Application

The IF-4072 terminal controller is operated with the IF-6020 or IF-6040 host system and, depending on the version, controls up to 16 slave terminals for time & attendance recording or access control. Slave terminals can be distributed among three RS-485 interfaces. The controller checks the booking data from the slave terminals and transfers it to the host system in real-time. Furthermore, it controls the booking conditions and display texts of the slave terminals.

Offline Mode

The data required for offline operation (e.g. credential numbers, temporal and local permissions) is stored in the controller via the host system.

Control and Monitoring

For controlling and monitoring doors, for example, the IF-4072 controller is equipped with 4 input sensors and 2 output relays with a switching capacity of up to 30 V/ 2 A. Thus, external devices can also be controlled. The input sensors can be configured as indicator, event, or counting contacts (up to max. 20 Hz).

Item Number: 00-4072-xxxx



Interflex controller hardware is used for the accurate and smooth recording of data and signals. It can easily be integrated into your network via PoE and Interflex software platforms.



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Technical Specifications

Power Supply

Mains voltage:	18 - 24 VAC, 18 - 30 VDC or PoE, class 3 (13 W)
Power consumption:	Approx. 13 VA

Interfaces

Interfaces to host:	Ethernet 10/100MB according to IEEE 802.3 (automatic recognition), RS232
Interfaces to slave terminals:	3x RS-485 with 9,600/19,200 baud (default setting = 19,200 baud)
Service interfaces:	Ethernet with TELNET or SSH, RS-232 with 115,200 baud
Inputs:	4 inputs for floating sensors, debounce time of contacts at least 100 ms
Output relays:	2 relays with normally closed / normally open / root contact (NC /NO/C contacts), contact switching power up to 30 V 2 A, relays max. 30 V
Operating status indicators:	LEDs

General Data

Degree of protection:	IP20
Product safety:	EN 62368-1
Electromagnetic compatibility:	EN 61000-6-1/2, 61000-6-3/4
Ambient temperature:	+5° C to +40° C
Humidity:	95%, non-condensing
Dimensions (H x W x D):	58 x 160 x 90 mm
Installation type:	Mounting rail EN 60715 TH 35
Weight:	Approx. 0.3 kg

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