

Elevator Control Module



- Connection to Two (2) RS-485 Readers
- Supports 8 Cascading, Up to 128 Floors Permission Control
- Six (6) Alarm Inputs, Two (2) Alarm Outputs
- Stores up to 30,000 Alarm Records and Log Records
- Supports Up to 60 Elevator Control Modules
- Floor Permissions Automatically Released if Fire Alarm Triggered
- Remote Control via Web Client

System Overview

The DHI-VTM416 is an elevator control module that can manage permission controls for up to 16 floors. The DHI-VTM416 can scale to control up to 128 total floors by cascading 7 additional DHI-VTM416 programs as sub-mode. The module supports the RS-485 interface, two alarm outputs, and 6 alarm inputs. There is also an emergency release via the alarm input to have all floor access unlock in the case of a triggered alarm. The module can summon elevators to the VTO floor when used with a Dahua VTO.

Technical Specification

System

Main Processor	ARM Cortex M4 at 180MHz
Communication Type	TCP/IP; RS485

Indicator

Power	One (1) Indicator
Communication	One (1) Indicator
Relay	Sixteen (16) Indicators

Interface

Alarm In	Six (6) Ports (Alarm_in_1 for Fire Alarm)
Alarm Out	Two (2) Ports
RS-485	Four (4) Ports RS-485 1: Card Reader or Call Lift Module RS-485 2: Card Reader or Call Lift Module RS-485 3: Cascade with Sub Lift Controller RS-485 4: Call Lift Module
Relay Out	Sixteen (16) Ports

Electrical

Power Supply	DC 12V/2A
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Environmental

Operating Conditions	-20 °C to 55 °C (-4 °F to 131 °F) 10% to 90% RH
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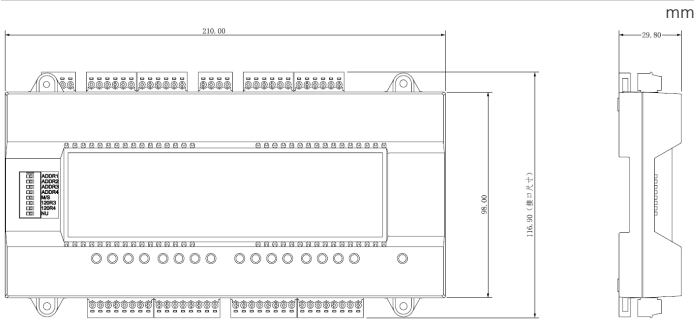
Construction

Casing	PC, Acrylic Panel
Product Dimensions (L x W x H)	210.0 mm x 116.0 mm x 9.80 mm (8.26 in. x 4.56 in. x 1.17 in.)
Gross Weight	1.0 kg (2.2 lb)
Installation Method	Fixed onto the wall; U-shaped guide rail

Order Information

Type	Part Number	Description
Elevator Controller	DHI-ASC2204C-H	Elevator Main Access Controller
Elevator Module	DHI-VTM416	Elevator Control Module

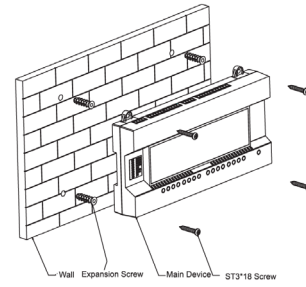
Dimensions



Device Mounting

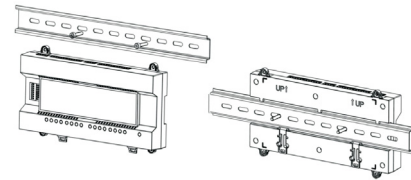
Method 1

Install the device onto the wall with screws.



Method 2

Mount U-shaped guide rail and hang the whole device onto the wall.



Application

