

**3455U****8" TOUCH MODULE, SB1-SB2, FOR ULTRA MODULES**

8" touchscreen module for Simplebus 1 and Simplebus 2 systems, UDB serial communication protocol for Ultra series audio and audio/video modules, complete with fixing accessories for third-party entrance panels. 8" capacitive display with high visibility and impact-proof glass, plus theme selection (white or black). Has a Wiegand output for interfacing with access control systems and an output for connection of the Comelit SimpleKey control panel. Equipped with RFID reader for activation of an opening using keys or Comelit cards. Fitted with micro-SD card for relay configuration backup. Automatic backlight regulation via the twilight sensor for the paired audio or audio/video module. Dimensions (L x H x D): 155 x 212 x 48 mm.



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GENERAL DATA

Type	Modular
Height (mm)	212
Width (mm)	155
Depth (mm)	48
Product weight (g)	1000
Type of finishing materials	ABS, Glass
Product color	Black RAL9005

COMPATIBLE SYSTEMS

Audio/video Simplebus 2 with power supply art. 4888C	Yes
Audio/video Simplebus 2 with power supply art. 4888C	Yes
Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes
Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes
Audio Simplebus 2 with power supply art. 1210/1210A	Yes
Audio Simplebus 1	Yes
Audio Simplebus 2 with power supply art. 1210/1210A	Yes
Audio Simplebus 1	Yes

DISPLAY

Display type	TFT
Display size (")	8
Touch screen	Yes, capacitive
Resolution (pixel)	1280x720

ELECTRICAL CHARACTERISTICS



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Type of power supply	Power supply from video door entry bus
Supply voltage	33VDC
Absorption in stand-by (W)	10.6
Maximum absorption (W)	11.6

HARDWARE FEATURES

Call type	Digital
Backlight colour	White, Black
Clamps	D0 D1 IN GND V+ D2+ D2- D1+ D1- GND NO COM NC IN GND
Removable terminals	Yes
Number of inputs (n°)	2
Number of outputs (n°)	1
Integrated proximity reader	RFID Mifare Classic, Mifare Desfire, Mifare Desfire Comelit-PAC OPS
Communication ports	Micro-USB, 1 x Wiegand, 2 x RS485, Ethernet

SETTINGS

Backlighting display	Yes
Backlight brightness	Yes

NETWORK AND COMMUNICATION PROTOCOLS

Type of LAN network	Ethernet 10/100 Mbit/s
IP address assignment	DHCP, AUTO IP, static IP
Wiegand	Access codes: 26 bits max (4 bits for each digit, 2 parity bits, big endian). Comelit Cards/Keys: 34 bits max (32 payload bits, 2 parity bits, big endian), Maximum distance: 150m (UTP cat. 5 cable)

PROGRAMMING MODE

ViP Manager software	Yes
ViP Manager software	Yes



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ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection rating	IP54
Vandal Resistant rating (IK code)	IK08
Operating temperature (°C)	-25 ÷ 55
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV
Certifications	RoHS II - 2011/65/UE (EN IEC 63000:2018), RED 2014/53/UE (EN 62311:2008, EN 62368-1:2014, EN 61000-6-1:2007, EN 61000-6-3:2007 + A1:2011, ETSI EN 301 489-1 V2.2.0, ETSI EN 301 489-17 V3.2.0, ETSI EN 300 328 V2.1.1)

MAIN FUNCTIONS

Door opener	Yes
Access control via proximity reader	Yes
Access control via proximity reader	Yes
Access control via door opener code	Yes
Access control via door opener code	Yes
No. of storable users (n°)	500
Number of door opener codes (n°)	500
Number of storable proximity keys	500
Visual indications of system status	Yes
Date/time display	Yes
Customizable welcome message	Yes
	Yes
Customisable image of the button	Yes

GENERAL FEATURES

Switchboard call function	Yes
Actuator control function	Yes