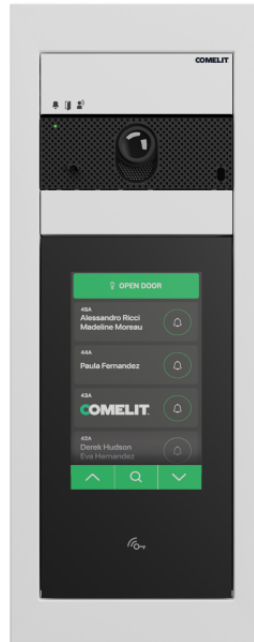**UT2090W**

VIDEO+TOUCH ENT.PAN. COMPLETE ULTRA WHITE SB2

Ultra series flush-mounted audio/video entrance panel with 5" Touchscreen module for Simplebus 2 system, white RAL9016. For use in systems with power supply unit art. 1210 / 1210A. Twilight sensor for touchscreen backlighting management. Omnidirectional digital microphone and double loudspeaker for high-fidelity audio. Wide-angle colour video camera with 120° horizontal, 90° vertical field of vision. Audio-visual indications for disabled individuals assistance request. 5" high-visibility capacitive display with impact-proof glass and theme selection (black or white). User-friendly graphic interface, can be customised with virtual call buttons or a number keypad to call the user directly when the code is known. Access control function with audio or audio/video module output and system actuator activation. Option of customising the buttons for direct calls to the switchboard, commercial activities with corresponding logos and viewing welcome messages. It has a Wiegand output for interfacing with access control systems, an RFID reader for activating an opening using keys or Comelit cards, and a Bluetooth connection. Consists of audio/video module art. UT2020W, Touch module art. UT9270, frame art. UT9163W and flush-mounted box art. 3110/3A. 10 mm protrusion from the wall. Dimensions (L x H x D): 125.5x317.5x55 mm.

AWARDS

UT2090W

VIDEO+TOUCH ENT.PAN. COMPLETE ULTRA WHITE SB2

DESIGN
MILANO

GERMAN
DESIGN
AWARD
SPECIAL
2021

UT2090W

VIDEO+TOUCH ENT.PAN. COMPLETE ULTRA WHITE SB2

GENERAL DATA	
Type	Modular
Height (mm)	317.5
Width (mm)	125.5
Depth (mm)	35
Product weight (g)	2000
Product color	White RAL9016, Black RAL9005, Transparent
Type of finishing materials	Polycarbonate, Aluminium alloy
Flush-mounted	Yes

COMPATIBLE SYSTEMS	
Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes

DISPLAY	
Display type	TFT
Display size (")	5
Touch screen	Yes, capacitive
Resolution (pixel)	800x480

AUDIO FEATURES	
Microphone	MEMS audio digital sensor, omnidirectional
Loudspeaker	28mm (Ø), 8 Ohm, 1W (2)
Technologies implemented	Echo canceling

CAMERA FEATURES	
Camera	Colours
Sensor type	1/3" CMOS
Lens optical dimensions (mm)	1.79
Angle of view (H x V - °)	120 x 90
Sensitivity	0.45

The technical specifications are subject to change without prior notice.

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VIDEO+TOUCH ENT.PAN. COMPLETE ULTRA WHITE SB2

ELECTRICAL CHARACTERISTICS	
Type of power supply	External power supply
Supply voltage	33VDC
Absorption in stand-by (W)	4.5
Maximum absorption (W)	9.5

HARDWARE FEATURES	
Call type	Push-buttons, Digital
Type of buttons	Capacitive
Backlight colour	White, Black
Clamps	L L V+ V- COM NC NO SE+ SE-/GND RTE TX- TX+ RX- RX+ D1+ D1- D2+ D2- GND D0 D1 GND IN
Number of inputs (n°)	1
Number of outputs (n°)	2
Type of outputs	Relay (C-NO-NC, 4A@12÷24 VAC/VDC, 10A peak), SE: unlock pulse of 4A, holding current of 200mA for 12VAC / DC locks (maximum impedance 18 Ohm)
Integrated proximity reader	RFID Mifare Classic
Communication ports	Micro-USB, 1 x Wiegand, 2 x RS485, Ethernet
Twilight sensor	Yes

SETTINGS	
Loudspeaker volume	Yes
Microphone volume	Yes
Backlight brightness	Yes

NETWORK AND COMMUNICATION PROTOCOLS	
Type of LAN network	Ethernet 10 Mbit/s
Bluetooth	Yes
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)

UT2090W

VIDEO+TOUCH ENT.PAN. COMPLETE ULTRA WHITE SB2

PROGRAMMING MODE	
ViP Manager software	Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES	
IP protection rating	IP65
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), EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011)

MAIN FUNCTIONS	
Door opener	Yes
Input for local door release button	Yes
Door open signaling input	Yes
Access control via proximity reader	Yes
Access control via door opener code	Yes
No. of storable users (n°)	4000
Number of door opener codes (n°)	4000
Number of storable proximity keys	4000
Visual indications of system status	Yes
Acoustic signals of system status	Yes
Speech synthesis of system status	Yes
Customizable welcome message	Yes
	Yes
Customisable image of the button	Yes

GENERAL FEATURES	
Switchboard call function	Yes
Actuator control function	Yes