

**IX8090****STEELTOUCH VIDEO ENTRANCE PANEL 5. ViP**

Flush-mounted audio/video entrance panel for IP (ViP) system, constructed using AISI 316 stainless steel, with 5inch touchscreen module. High-visibility 5" capacitive display, theme selection (white or black), impact-proof glass and twilight sensor for backlighting management during daylight hours. Omnidirectional digital microphone for high-fidelity audio. Wide-angle colour video camera (field of vision: 160° horizontal, 90° vertical) with LED for night-time lighting. Audio-visual indications for disabled individuals, assistance request can be activated via programming. Equipped with a Wiegand output for interfacing with access control systems and an output for connecting the Comelit SimpleKey control panel. Equipped with an RFID reader for the activation of outputs on audio or audio/video units and actuators in the system using Comelit keys or cards. Powered via standard POE, IEEE 802.3af, or art. 1440A. Easy-to-use graphic interface, can be customised with virtual call buttons or with a number keypad to call users when the relevant code is known. Buttons can be customised for direct calls to the switchboard, for businesses with corresponding logos and to display welcome messages. Fully configurable with ViP Manager software and compatible with all ViP system functions and products. Consists of audio/video module art. EU8020, touch module art. UT9270, frame art. IX9161B and flush-mounted box art. IX9151B. Entrance panel dimensions (LxHxD): 150 x 369 x 56 mm.



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GENERAL DATA

Type	Monoblock
Height (mm)	369
Width (mm)	150
Depth (mm)	56
Product color	Steel
Type of finishing materials	Steel zinc coated, Stainless steel
Flush-mounted	Yes

COMPATIBLE SYSTEMS

ViP	Yes
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DISPLAY

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

AUDIO FEATURES

Microphone	MEMS audio digital sensor, omnidirectional
Loudspeaker	28mm (ø), 8 Ohm, 1W
Technologies implemented	Echo canceling, Noise reduction
Audio compression	G.711 A-Law

CAMERA FEATURES

Camera	Colours
Sensor type	1/2.7" CMOS - 2MP
Lens optical dimensions (mm)	1.6
Angle of view (H x V - °)	160 x 90
Sensitivity	0.1 (colour)
Video resolution	320x240, 480x272, 800x480, 1024x608



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CAMERA FEATURES

Video compression	H.264 baseline
RTSP server	Yes

ELECTRICAL CHARACTERISTICS

Type of power supply	PoE
PoE power supply	Standard IEEE 802.3af, 36÷57VDC, standard PoE
PoE class	Class 0
Absorption in stand-by (W)	7.5
Maximum absorption (W)	11.5

HARDWARE FEATURES

Call type	Digital
Backlight colour	White, Black
Clamps	P1 C RTE RX+ RX- TX+ TX- + - V+ V- SE+ SE-NO CON NC
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, RS485, 1 x Wiegand, 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
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NETWORK AND COMMUNICATION PROTOCOLS

IP address assignment	DHCP, AUTO IP, static IP
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), Maximum distance: 150m (UTP cat. 5 cable), QR code: 34 bits max (32 payload bits, 2 parity bits, big endian)
Protocols supported	DHCP, IPv4, NTP, RTSP, DNS, MQTTS

PROGRAMMING MODE

ViP Manager software	Yes
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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
Number of auxiliary relays (n°)	1
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



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MAIN FUNCTIONS

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

**IX8090****STEELTOUCH VIDEO ENTRANCE PANEL 5. VIP****ACCESSORIES****IX9171B HOUSING FOR IXx090 AND 5-8-BUTTONS FRONT PANEL**

Housing WITHOUT RAIN PROTECTION for surface-mounted and plasterboard installations, for STEELSWITCH and SWITCH front panels with 5-6-7-8 buttons and STEELTOUCH 5" entrance panels, AISI 316 stainless steel finish. Dimensions (W x H x D): 155 x 374 x 64mm.

**IX9161B HOUSING IXx090, 5-8-BUTTONS FRONT PANEL, W/ SHIELD**

Housing WITH RAIN PROTECTION for surface-mounted installations, for STEELSWITCH and SWITCH front panels with 5-6-7-8 buttons and STEELTOUCH 5" entrance panels, AISI 316 stainless steel finish. Dimensions (W x H x D): 155 x 374 x 83.5mm.

**IX9151B FLUSH-MOUNTED BOX IXx090+ 5-8-BUTTONS FRONT PANELS**

Flush-mounted box for STEELSWITCH and SWITCH front panels with 5-6-7-8 buttons and STEELTOUCH 5" entrance panels, galvanised steel finish. Dimensions (L x H x D): 124 x 343.1 x 56 mm.