

Technical parameters

2N® IP Verso

Signalling protocol	
	SIP (UDP, TCP, TLS)
Buttons	
Button design	White-backlit transparent buttons with replaceable nametags
Button count	1 and increments of 5 (max 146)
Button extenders	Up to 30 modules, limited by power supply
Numeric keypad	optional
Audio	
Microphone	1 integrated microphone
Amplifier	2 W (class D) amplifier
Speaker	2 W/8 Ω
Output LINE OUT	1 VRMS/600 Ω
Volume control	Adjustable with automatic adaptive mode
Full duplex	Yes (AEC)
Audio stream	
Protocols	RTP/RTSP
Codecs	G.711, G.722, G.729, L16/16kHz
Camera	
Sensor	1/3" colour CMOS
JPEG resolution	Up to 1280 (H) × 960 (V)
Video resolution	640 (H) × 480 (V)
Frame rate	Up to 30 snapshots/s
Sensitivity	5.6 V/lux-sec (550 nm)
View angle	120° (H), 90° (V), 145° (D)
Infrared light	Yes
Video stream	
Protocols	RTP/RTSP/HTTP
Codecs	H.263, H.263+, H.264, MPEG-4, M-JPEG
IP camera function	Yes, ONVIF v2.4 profile S compatible
Interface	
Power supply	12V ± 15 % / 2 A DC or PoE
PoE	PoE 802.3af (Class 0-12.95 W)
LAN	10/100BASE-TX s Auto-MDIX, RJ-45
Recommended cabling	Cat-5e or higher
Supported protocols	SIP2.0, DHCP opt. 66, SMTP, 802.1x, RTSP, RTP, TFTP, HTTP, HTTPS, Syslog, ONVIF
Passive switch	NO/NC contact, up to 30 V/1 A AC/DC
Active switch output	8 up to 12 V DC depending on power supply (PoE: 10 V; adaptor: power supply voltage minus 2 V), max 400 mA



RFID card reader	
Supported frequencies	125kHz and 13.56MHz
Supported cards	125 kHz: EM4100, EM4102, HID Proximity
	13.56 MHz: ISO14443A, ISO14443B, ISO15693, NFC support
	reads UID (CSN) reads PACs ID (iCLASS SIO-enabled cards) - only secured cards
ISO14443A	Mifare Classic 1k & 4k, DESFire EV1, Mini, Plus S&X, SmartMX, Ultralight
	Ultralight C, SLE44R35, my-d move (SLE66Rxx), PayPass, Legic Advant
ISO14443B	Calypso, CEPAS, Moneo, SRI512, SRT512, SRI4K, SR1X4K, PicoPass, HID iCLASS
Mechanical properties	
Cover	Robust zinc casting with surface finish
Operating temperature	-40 °C - 60 °C
Operating relative humidity	10% - 95% (non-condensing)
Storing temperature	-40 °C -70 °C
Resistance level	IK08, Touch Display module IK07
Dimensions	
Surface mounting frame	1 module: 107 (W) × 130 (H) × 28 (D) mm
	2 modules: 107 (W) × 234 (H) × 28 (D) mm
	3 modules: 107 (W) × 339 (H) × 28 (D) mm
Flush mounting frame	1 module: 130 (W) × 153 (H) × 5 (D) mm
	2 modules: 130 (W) × 257 (H) × 5 (D) mm
	3 modules: 130 (W) × 361 (H) × 5 (D) mm
Flush mounting box (minimum hole dimensions)	1 module: 108 (W) × 131 (H) × 45 (D) mm
	2 modules: 108 (W) × 238 (H) × 45 (D) mm
	3 modules: 108 (W) × 343 (H) × 45 (D) mm
Weight	From 2kg, based on configuration
Covering level	IP54

CONNECTION DIAGRAM

