

Technical parameters

2N® LTE 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)
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.729, G.722, L16/16 kHz
Camera	
Sensor	1/3" colour CMOS
JPEG resolution	Up to 1280 (H) x 960 (V)
Video resolution	640 (H) x 480 (V)
Frame rate	Up to 30 snapshots/s
Sensor sensitivity	5.6 V/lux-sec (550 nm)
View angle	128 ° (H), 95 ° (V), 134 ° (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	12 V ±15 % / 2 A DC
LTE FDD	Cat.1, 3GPP release 9 compliant
LTE bands (9155401C-E and 9155401CB-E)	B1(2100) B3(1800) B7(2600) B8(900) B20(800)
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 (power supply voltage minus 2 V), up to 400 mA
External LTE Antenna	
Gain	4.1 dB
Power handling	25 W
Operating temperature	-40 °C to +85°C
Dimensions	14 (W) x 6 (H) x 122 (L) mm
Mounting	Adhesive Mount
Cable length	2 m

RFID card reader		
Supported frequencies	125kHz and 13.56MHz	
	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
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	
Weight	max net weight: From 2kg, based on configuration	
Covering level	IP54	
Resistance level	IK08	
Dimensions		
Surface mounting frame		
1 module	107 (W) x 130 (H) x 28 (D) mm	
2 modules	107 (W) x 234 (H) x 28 (D) mm	
3 modules	107 (W) x 339 (H) x 28 (D) mm	
Flush mounting frame		
1 module	130 (W) x 153 (H) x 5 (D) mm	
2 modules	130 (W) x 257 (H) x 5 (D) mm	
3 modules	130 (W) x 361 (H) x 5 (D) mm	
Flush mounting box (minimum hole dimensions)		
1 module	108 (W) x 131 (H) x 45 (D) mm	
2 modules	108 (W) x 238 (H) x 45 (D) mm	
3 modules	108 (W) x 343 (H) x 45 (D) mm	
Module internal cutout		
72 (W) x 89.3 (H) mm / 2.83 (W) x 3.51 (H) inches		

CONNECTION DIAGRAM

