

# 4.1 Technical Parameters

<b>Signalling protocol</b>	SIP (UDP)
<b>Buttons</b>	
Button design	Transparent, white backlit buttons with easily replaceable name tags
Count of buttons	1, 2 or 4
Numerical keypad	optional
<b>Audio</b>	
Microphone	2 integrated microphones
Amplifier	10W (class D)
Loudspeaker	1W (optionally 10W)
Volume control	Adjustable with automatic adaptive mode
Full duplex	Yes (AEC)
<b>Audio stream</b>	
Protocols	RTP/RTSP
Codecs	G.711, G.729
<b>Camera</b>	
Sensor	1/4" colour CMOS
Resolution	640 (H) x 480 (V)
Picture frequency	Up to 30 snaps/s
Sensitivity	1.9 V/lux-sec (550nm)
Viewing angle	135° (H), 109° (V)
Infrared illumination	Yes
<b>Video stream</b>	
Protocols	RTP/RTSP/HTTP
Codecs	H.263+, H.264, MPEG-4, M-JPEG
IP camera function	Yes
<b>Interface</b>	
Power supply	12V+-15%/1A DC or PoE
PoE	PoE 802.3af (Class 0 - 12.95W)
LAN	10/100BASE-TX s Auto-MDIX, RJ-45
Recommended cabling	Cat-5e or higher
Passive switch	NO and NC contacts, up to 30V/1A AC/DC
Active switch output	12V/700mA DC
<b>RFID card reader</b>	optional

Supported cards EM-40XX (125Khz)  
HID Proximity (125kHz, 26bit)

**Mechanical properties**

Cover Robust aluminium cast product, stainless steel front panel  
Working temperature -40°C to 55°C  
Working relative humidity 10% - 95% (non-condensing)  
Storing temperature -40°C to 70°C  
Dimensions 217x109x83 mm  
242x136x83 mm incl. frame  
Weight netto max. 2 kg / brutto max. 2,5 kg  
Covering level IP66 , IP69