

2N IP Force 2.0

The world's most durable IP video intercom with a 5MPx camera

Designed for demanding environments where maximum security, seamless access control, and precise visitor identification are essential, the 2N IP Force 2.0 delivers advanced camera capabilities and clear, reliable audio, even in third-party video surveillance systems

5MPx camera

Ensures clear colour images even in low light, switching to night vision only in complete darkness. It also supports WDR to prevent glare, and the wide-angle lens is enhanced with adaptive face zooming for excellent visitor verification.

Unmatched durability

Designed to withstand extreme conditions, including dust, water, and significant impact. It also features a dome over the camera for greater shatter resistance.

QR code access

The Axis ARTPEC-8 powers multiple advanced features, including QR code reading. Use it to assign guests QR code access in advance to ensure seamless guest entry.

Clear, reliable audio

Noise cancellation, a high-volume speaker, adaptive volume, and automatic audio-loop tests all ensure effective communication you can count on in loud, busy environments.

Strong (cyber)security

The ARTPEC-8 enables enhanced security features, including secure boot, signed firmware, and a secure key store. We (with Axis) also have the device under complete control and can react quickly to security vulnerabilities.

OSDP interface

Enables secure, encrypted RFID access and facilitates communication with third-party access control systems.

Variants



2N IP Force 2.0 1 button, camera 9151301C



2N IP Force 2.0 1 button, camera, keypad 9151301CK



2N IP Force 2.0 1 button, camera, pictograms, card reader ready 9151301CRP



2N IP Force 2.0 2 buttons, camera, card reader ready 9151302CR



2N IP Force 2.0 4 buttons, camera 9151304C

Technical parameters

PE+ IEEE 802.3at Interfaces Interfaces LAN 10/100/1000BASE-TX with Auto-MDIX, RJ-45 Recommended cabling CAT6 with MPTL Active switch output 12 V / 0.6 A DC Passive switch SSR NO up to 30 V / 1A AC/DC Inputs 3; in passive/active mode (-30 V to +30 V DC) VBus connector yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Tamper switch Mechanical (additional module) Supported protocols SIP2.0, SIPS, DHC Popt.66, SMTP, SNMP, TRO69, 802.1x, RTSP, RTP, RTFTP, HTTF HTTPS, Syslog, ONVIF Audio Microphone 2 integrated Amplifier 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m)	Power supply	
InterfacesLAN10/100/1000BASE-TX with Auto-MDIX, RJ-48Recommended cablingCAT6 with MPTLActive switch output12 V / 0.6 A DCPassive switchSSR NO up to 30 V / 1A AC/DCInputs3; in passive/active mode (-30 V to +30 V DC)VBus connectoryes(additional module combined with RFID readerWiegand internalyes(additional module combined with RFID readerTamper switchMechanical (additional module)Supported protocolsSIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTFAudioMicrophone2 integratedAmplifier10 W / 4 ΩSound Pressure Level94 dB (for 1 kHz at 1 m)(SPL max)LINE OUTN/AInduction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speach transmission index (STI)0,89ProtocolsRTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & videoSiP (UDP, TCP, TLS)Camera & video133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,11ux without IR illumination	Туре	12 V / 4 A DC or PoE+
LAN10/100/1000BASE-TX with Auto-MDIX, RJ-45Recommended cablingCAT6 with MPTLActive switch output $12 \vee / 0.6 \text{ A DC}$ Passive switchSSR NO up to $30 \vee / 1A \text{ AC/DC}$ Inputs $3;$ in passive/active mode (- $30 \vee to +30 \vee DC$)VBus connectoryes(additional module combined with RFID readerWiegand internalyes(additional module combined with RFID readerTamper switchMechanical (additional module)Supported protocolsSIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF HTTPS, Syslog, ONVIFAudioMicrophone2 integratedAmplifier $10 W / 4 \Omega$ Speaker $10 W / 4 \Omega$ Speaker $94 dB$ (for 1 kHz at 1 m)(SPL max)IN/ALINE OUTN/AInduction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speaker $0,89$ index (STI) $0,89$ ProtocolsRTP/RTSP/SRTPCodecs $G.711, G.729, G.722, L16/16kHz$ Signalling protocolSIP (UDP, TCP, TLS)Camera & videoSIP (UDP, TCP, TLS)Camera & video 133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination $0,11ux$ without IR illumination	PoE+	IEEE 802.3at
LAN10/100/1000BASE-TX with Auto-MDIX, RJ-45Recommended cablingCAT6 with MPTLActive switch output $12 \vee / 0.6 \text{ A DC}$ Passive switchSSR NO up to $30 \vee / 1A \text{ AC/DC}$ Inputs $3;$ in passive/active mode (- $30 \vee to +30 \vee DC$)VBus connectoryes(additional module combined with RFID readerWiegand internalyes(additional module combined with RFID readerTamper switchMechanical (additional module)Supported protocolsSIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF HTTPS, Syslog, ONVIFAudioMicrophone2 integratedAmplifier $10 W / 4 \Omega$ Speaker $10 W / 4 \Omega$ Speaker $94 dB$ (for 1 kHz at 1 m)(SPL max)IN/ALINE OUTN/AInduction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speaker $0,89$ index (STI) $0,89$ ProtocolsRTP/RTSP/SRTPCodecs $G.711, G.729, G.722, L16/16kHz$ Signalling protocolSIP (UDP, TCP, TLS)Camera & videoSIP (UDP, TCP, TLS)Camera & video 133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination $0,11ux$ without IR illumination	Interfaces	
Recommended cabling CAT6 with MPTL Active switch output 12 V / 0.6 A DC Passive switch SSR NO up to 30 V / 1A AC/DC Inputs 3; in passive/active mode (-30 V to +30 V DC) VBus connector yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Tamper switch Mechanical (additional module) Supported protocols SIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) VIA LINE OUT N/A Induction loop Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speech transmission 0,89 Signalling protocol SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS)	LAN	10/100/1000BASE-TX with Auto-MDIX, RJ-45
Active switch output 12 V / 0.6 A DC Passive switch SSR NO up to 30 V / 1A AC/DC Inputs 3; in passive/active mode (-30 V to +30 V DC) VBus connector yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Tamper switch Mechanical (additional module) Supported protocols SIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF Audio Tromessure protocols Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) IINE OUT LINE OUT N/A Induction loop Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speech transmission 0,89 index (STI) RTP/RTSP/SRTP Codecs G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video Integra thout is is form Sens		
Passive switchSSR NO up to 30 V / 1A AC/DCInputs3; in passive/active mode (-30 V to +30 V DC)VBus connectoryesOSDP internalyes(additional module combined with RFID readerWiegand internalyes(additional module combined with RFID readerTamper switchMechanical (additional module)Supported protocolsSIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF HTTPS, Syslog, ONVIFAudioMicrophone2 integratedAmplifier10 W / 4 ΩSound Pressure Level94 dB (for 1 kHz at 1 m)(SPL max)Ves (internal module)LINE OUTN/AInduction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speech transmission index (STI)0,89ProtocolsRTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & videoSensor sensitivity14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	-	12 V / 0.6 A DC
Inputs 3; in passive/active mode (-30 V to +30 V DC) VBus connector yes OSDP internal yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Tamper switch Mechanical (additional module) Supported protocols SIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF HTTPS, Syslog, ONVIF Audio Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) Viatable with automatic adaptive mode Full duplex Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speach transmission index (STI) 0,89 Protocols G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS) Sensor sensitivity 140000 e ⁻ /Lux-sec	Passive switch	-
VBus connector yes OSDP internal yes (additional module combined with RFID reader Wiegand internal yes (additional module combined with RFID reader Tamper switch Mechanical (additional module) Supported protocols SIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF HTTPS, Syslog, ONVIF Audio Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) V/A LINE OUT N/A Induction loop Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speach transmission 0,89 index (STI) RTP/RTSP/SRTP Protocols G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS) Camera & video 133° (H), 112° (V) Infrared light yes WDR yes MINIMAL IR illumination 0,1 lux with	Inputs	•
(additional module combined with RFID readerWiegand internalyes (additional module combined with RFID readerTamper switchMechanical (additional module)Supported protocolsSIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF HTTPS, Syslog, ONVIFAudioMicrophone2 integratedAmplifier10 W / 4 ΩSpeaker10 W / 4 ΩSound Pressure Level94 dB (for 1 kHz at 1 m) (SPL max)LINE OUTN/AInduction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speach transmission index (STI)0,89ProtocolsRTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & videoSensor sensitivity14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	VBus connector	yes
Wiegand internal yes (additional module combined with RFID reader Tamper switch Mechanical (additional module) Supported protocols SIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF, HTTPS, Syslog, ONVIF Audio Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) N/A LINE OUT N/A Induction loop Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speach transmission 0,89 index (STI) RTP/RTSP/SRTP Protocols G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS) Camera & video Signalling protocol Signalling protocol SIP (UDP, TCP, TLS) Camera & video 14000 e ⁻ /Lux-sec Focal length 1,935 mm View angle 133° (H), 112° (V) Infrared light yes <t< th=""><th>OSDP internal</th><th>yes</th></t<>	OSDP internal	yes
additional module combined with RFID reader Tamper switch Mechanical (additional module) Supported protocols SIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF, HTTPS, Syslog, ONVIF Audio Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) N/A LINE OUT N/A Induction loop Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speach transmission 0,89 index (STI) RTP/RTSP/SRTP Protocols G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video SIP (UDP, TCP, TLS) Camera & video Signalling protocol Signalling protocol SIP (UD, 112° (V) Infrared light yes WDR yes Minimal illumination 0,1 lux without IR illumination		(additional module combined with RFID reader)
Tamper switchMechanical (additional module)Supported protocolsSIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF HTTPS, Syslog, ONVIFAudioMicrophone2 integratedAmplifier10 W / 4 ΩSpeaker10 W / 4 ΩSound Pressure Level94 dB (for 1 kHz at 1 m)(SPL max)LINE OUTN/AInduction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speech transmission index (STI)0.89ProtocolsRTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & video14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared light wesyesWDRyesMinimal illumination0,1 lux without IR illumination	Wiegand internal	
Supported protocols SIP2.0, SIPS, DHCP opt. 66, SMTP, SNMP, TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF, HTTPS, Syslog, ONVIF Audio Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) N/A LINE OUT N/A Induction loop Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speaker (STI) 0,89 Protocols RTP/RTSP/SRTP Codecs G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video 14000 e ⁻ /Lux-sec Focal length 1,935 mm View angle 133° (H), 112° (V) Infrared light yes WDR yes Minimal illumination 0,1lux without IR illumination	Tananananitah	
TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTF HTTPS, Syslog, ONVIF Audio Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) 94 dB (for 1 kHz at 1 m) LINE OUT N/A Induction loop Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speach transmission 0,89 index (STI) RTP/RTSP/SRTP Protocols RTP/RTSP/SRTP Codecs G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video Sensor sensitivity Y4000 e ⁻ /Lux-sec 1,935 mm View angle 133° (H), 112° (V) Infrared light yes WDR yes Minimal illumination 0,1 lux without IR illumination	•	
Microphone 2 integrated Amplifier 10 W / 4 Ω Speaker 10 W / 4 Ω Sound Pressure Level 94 dB (for 1 kHz at 1 m) (SPL max) 94 dB (for 1 kHz at 1 m) LINE OUT N/A Induction loop Yes (internal module) Volume control adjustable with automatic adaptive mode Full duplex Yes (AEC) Speech transmission 0,89 index (STI) 0.89 Protocols RTP/RTSP/SRTP Codecs G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video 14000 e ⁻ /Lux-sec Focal length 1,935 mm View angle 133° (H), 112° (V) Infrared light yes WDR yes MDR yes	Supported protocols	TR069, 802.1x, RTSP, RTP, SRTP, TFTP, HTTP,
Amplifier10 W / 4 ΩSpeaker10 W / 4 ΩSound Pressure Level94 dB (for 1 kHz at 1 m)(SPL max)94 dB (for 1 kHz at 1 m)LINE OUTN/AInduction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speech transmission0,89index (STI)RTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & video14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	Audio	
Speaker10 W / 4 ΩSound Pressure Level94 dB (for 1 kHz at 1 m)(SPL max)94 dB (for 1 kHz at 1 m)LINE OUTN/AInduction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speech transmission0,89index (STI)RTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & video14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	Microphone	2 integrated
Sound Pressure Level94 dB (for 1 kHz at 1 m)(SPL max)N/AInduction loopYes (internal module)Adjustable with automatic adaptive modeVolume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speech transmission index (STI)0,89ProtocolsRTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & videoSensor sensitivity14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared light WDRyesWDRyesMinimal illumination0,1 lux without IR illumination	Amplifier	10 W / 4 Ω
(SPL max)LINE OUTN/AInduction loopYes (internal module)volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speech transmission index (STI)0,89ProtocolsRTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & video14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	Speaker	10 W / 4 Ω
Induction loopYes (internal module)Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speech transmission0,89index (STI)RTP/RTSP/SRTPProtocolsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & videoSensor sensitivity14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	Sound Pressure Level (SPL max)	94 dB (for 1 kHz at 1 m)
Volume controladjustable with automatic adaptive modeFull duplexYes (AEC)Speech transmission0,89index (STI)RTP/RTSP/SRTPProtocolsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & videoSensor sensitivity14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	LINE OUT	N/A
Full duplex Yes (AEC) Speech transmission index (STI) 0,89 Protocols RTP/RTSP/SRTP Codecs G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video Sensor sensitivity Store a & video 14000 e ⁻ /Lux-sec Focal length 1,935 mm View angle 133° (H), 112° (V) Infrared light yes WDR yes Minimal illumination 0,1 lux without IR illumination	Induction loop	Yes (internal module)
Speech transmission index (STI)0,89ProtocolsRTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & video14000 e^/Lux-secSensor sensitivity14000 e^/Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	Volume control	adjustable with automatic adaptive mode
index (STI)ProtocolsRTP/RTSP/SRTPCodecsG.711, G.729, G.722, L16/16kHzSignalling protocolSIP (UDP, TCP, TLS)Camera & videoSensor sensitivity14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	Full duplex	Yes (AEC)
Codecs G.711, G.729, G.722, L16/16kHz Signalling protocol SIP (UDP, TCP, TLS) Camera & video Sensor sensitivity 14000 e ⁻ /Lux-sec Focal length 1,935 mm View angle 133° (H), 112° (V) Infrared light yes WDR yes Minimal illumination 0,1 lux without IR illumination	Speech transmission index (STI)	0,89
Signalling protocol SIP (UDP, TCP, TLS) Camera & video Sensor sensitivity 14000 e ⁻ /Lux-sec Focal length 1,935 mm View angle 133° (H), 112° (V) Infrared light yes WDR yes Minimal illumination 0,1 lux without IR illumination	Protocols	RTP/RTSP/SRTP
Camera & video Sensor sensitivity 14000 e ⁻ /Lux-sec Focal length 1,935 mm View angle 133° (H), 112° (V) Infrared light yes WDR yes Minimal illumination 0,1 lux without IR illumination	Codecs	G.711, G.729, G.722, L16/16kHz
Sensor sensitivity14000 e ⁻ /Lux-secFocal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	Signalling protocol	SIP (UDP, TCP, TLS)
Focal length1,935 mmView angle133° (H), 112° (V)Infrared lightyesWDRyesMinimal illumination0,1 lux without IR illumination	Camera & video	
View angle 133° (H), 112° (V) Infrared light yes WDR yes Minimal illumination 0,1 lux without IR illumination	Sensor sensitivity	14000 e ⁻ /Lux-sec
Infrared light yes WDR yes Minimal illumination 0,1 lux without IR illumination	Focal length	1,935 mm
WDR yes Minimal illumination 0,1 lux without IR illumination	View angle	133° (H), 112° (V)
Minimal illumination 0,1 lux without IR illumination	Infrared light	yes
	WDR	yes
	Minimal illumination	-
Protocols RTP/RTSP/SRTP/HTTP, ONVIF v2.2 profile S and T	Protocols	RTP/RTSP/SRTP/HTTP, ONVIF v2.2 profile S and T
Codecs H.264, H.265, MJPEG, Zipstream	Codecs	H.264, H.265, MJPEG, Zipstream
Resolution H.264, H.265 max. 2560 x 1920	Resolution H.264, H.265	max. 2560 x 1920
Frame rate H.264, H.265 max 30 fps @max. resolution	Frame rate H.264, H.265	max 30 fps @max. resolution
Resolution MJPEG max. 1280 x 960	Resolution MJPEG	max. 1280 x 960
Frame rate MJPEG max 15 fps @max. resolution	Frame rate MJPEG	max 15 fps @max. resolution
External camera H.264 max. 720p (1280 x 720) @ 30fps	External camera H.264	max. 720p (1280 x 720) @ 30fps

RFID Card Reader 125 kHz & 13.56 MHz (multifrequency) Supported frequencies Supported card types: 125 kHz EM4xxx, HID Prox (SE compatible version) 13.56 MHz standard ISO14443A, PicoPass (HID iClass), FeliCa, (9151024, 9151025) ST SR(IX), NFC (My2N app)

reads UID (CSN) and secured MIFARE® DESFire® EV2/EV3 cards using 2N PICard technology 13.56 MHz HID SE ISO14443A, PicoPass (HID iClass), FeliCa, compatible ST SR(IX), NFC (My2N app), HID SE (9151024-S, 9151025-S) (Seos, iClass SE, MIFARE SE) reads secured MIFARE® DESFire® EV2/EV3 cards using 2N PICard technology reads PACs ID (HID iClass cards with SIO object) Technology mechanical keypad **Mechanical Properties** aluminium (ADC12) with chromating Surtec 650 Surface treatment powder coating 1, 2, or 4 transparent backlit buttons -30°C to +55°C **Operating temperature** Storage temperature -40°C to +70°C **Operating relative** 10%-95% (non-condensing) Maximum altitude 2000 m a.s.l.

2000 g IP69 IK10 body (EN 62262:2019) IK08 camera, front panel (EN 62262:2019)

Dimensions

Keypad

Material

Buttons

humidity

Weight Cover rating

Surface mounted	109 (W) x 217 (H) x 83 (D) mm	
Flush mounted	135 (W) x 244 (H) x 12 (D) mm	
Flush mounting box for brick	131 (W) x 222 (H) x 82 (D) mm	
Flush mounting box for plasterboard	128 (W) x 239 (H) x 55 (D) mm	

Warranty 5-year warranty:

https://www.2n.com/en_GB/support/warranty-and-repairs