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

Power supply

Type	12 V / 4 A DC or PoE+
PoE+	IEEE 802.3at

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
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, HTTP, HTTPS, Syslog, ONVIF

Audio

Microphone	2 integrated
Amplifier	10 W / 4 Ω
Speaker	10 W / 4 Ω
Sound Pressure Level (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 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	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/HTTP, ONVIF v2.2 profile S and T
Codecs	H.264, H.265, MJPEG, Zipstream
Resolution H.264, H.265	max. 2560 x 1920
Frame rate H.264, H.265	max 30 fps @max. resolution
Resolution MJPEG	max. 1280 x 960
Frame rate MJPEG	max 15 fps @max. resolution
External camera H.264	max. 720p (1280 x 720) @ 30fps

RFID Card Reader

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

Keypad

Technology	mechanical keypad

Mechanical Properties

Material	aluminium (ADC12) with chromating Surtec 650
Surface treatment	powder coating
Buttons	1, 2, or 4 transparent backlit buttons
Operating temperature	-30°C to +55°C
Storage temperature	-40°C to +70°C
Operating relative humidity	10%-95% (non-condensing)
Maximum altitude	2000 m a.s.l.
Weight	2000 g
Cover rating	IP69 IK10 body (EN 62262:2019) IK08 camera, front panel (EN 62262:2019)

Dimensions

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