



2N

2N IP One

One family. One home. One smart intercom.

2N IP One is a highly durable IP video intercom powered by the Axis ARTPEC-7 processor and designed for family homes. It comes equipped with a Full HD, 156-degree wide-angle camera for crystal clear video calls, and features Adaptive Face Zooming to ensure constant control over the front door and home surroundings. It can also alert the owner to any unexpected activity, enhancing home security. Connect the 2N IP One to a 2N indoor station, the My2N app and, unlike conventional video doorbells, with leading home automation systems to enhance the resident experience.

Clean, minimalist design

Slim frame, rounded edges, three luxury finishes - the 2N IP One is designed to impress. The colour of the eye-catching backlit button is customizable to full RGB spectrum and indicates the current intercom's status: idle, ringing, in-call or door open.

Exceptional durability

With the IP66 and IK08 certifications, the 2N IP One is truly durable. The body is made of high-quality anodised aluminium, which ensures exceptional resistance to vandals, water, and dust.

Front door under control

Unlike regular video doorbells, you can connect the door strike directly to the 2N IP One. This allows you to remotely answer the door for a visitor, let them enter your property using a QR code, or open the door for yourself using the My2N app.

Full (HD), non-stop surveillance

If motion is detected by the Full HD intercom camera, or the microphone picks up increased noise, the 2N IP One will instantly notify residents and start recording what is happening outside the home.

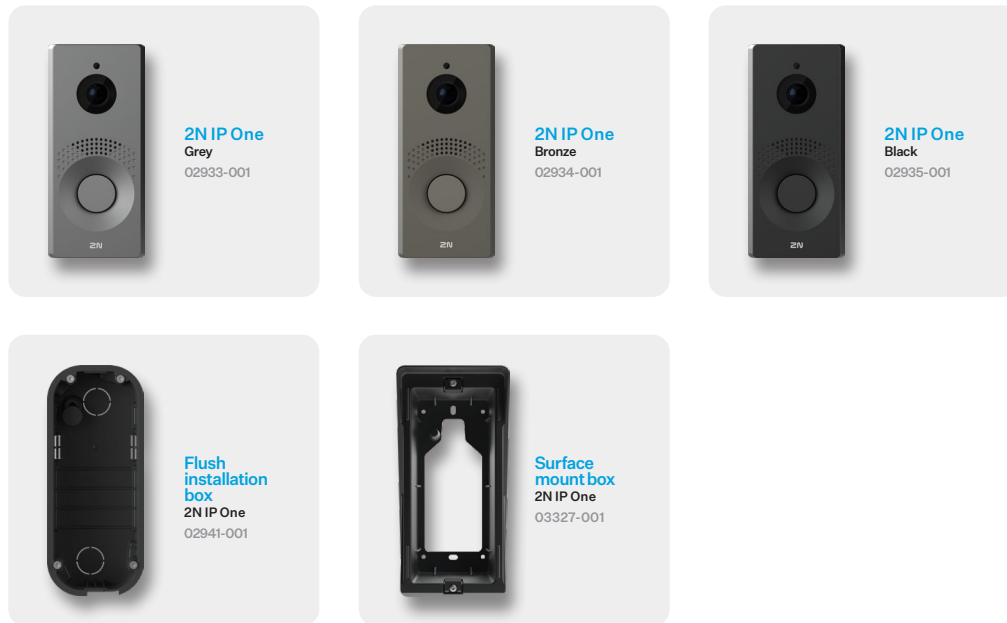
Superb sound quality

With exceptional clarity and perfect intelligibility – that's how residents will communicate with every visitor, even in noisy environments. All thanks to the IP video intercom's sensitive microphone and intelligently developed speaker.

Connects with home automation devices

Based on open protocols and supporting multiple plug-ins, you can integrate the IP video intercom with leading home automation and office building systems.

Variants



Technical parameters

Power supply

Type	PoE and/or 12 V / 2 A DC
PoE	802.3af (12.95 W max.)

Interfaces

LAN	10/100BASE-TX with Auto-MDIX, RJ-45 jack
Recommended cabling	Cat-5e or better
Active switch output	12 V DC, max 600 mA
Passive switch	NO contacts, 20 V AC or 30 V DC, 1 A
Inputs	1 input - in passive/active mode (-30 V to +30 V DC) OFF = open or Uin > 1.5 V ON = short-circuit or Uin < 1.5 V
Tamper switch	yes

Audio

Microphone	1 integrated microphone
Amplifier	5 W RMS (Class D)
Speaker	integrated, 3 W
LINE OUT	N/A
Volume control	adjustable with automatic adaptive mode
Full duplex	Yes (AEC)
Audio output	3 W
Protocols	SIP/SIPS/RTP/SRTP/RTSP
Codecs	G.711, G.729, G.722, L16/16kHz

Camera & video

Sensor	1/2.7" colour CMOS
Focal length	0.076 inch
View angle "peephole"	156° (H), 116° (V)
Infrared light	yes
WDR	yes
Minimal illumination	0,3 lux without IR illumination
Protocols	RTP/RTSP/RTCP/HTTP, ONVIF v2.4 profile S
Codecs	H.264, MJPEG, Zipstream
Resolution H.264, MJPEG	max. 1920 x 1440 (4:3)
Frame rate	max. 30 fps

Dimensions

Intercom	3.071 (W) x 6.772 (H) x 2.087 (D) inch
Surface mount box	3.661 (W) x 7.323 (H) x 2.835 (D) inch
Flush installation box	2.638 (W) x 6.575 (H) x 2.205 (D) inch

Mechanical Properties

Front cover	aluminium casting, three colors
Button	1, backlit
Processor	Axis ARTPEC-7
Operating temperature	-40°F to +140°F
Storage temperature	-40°F to +158°F
Operating relative humidity	10%-95% (non-condensing)
Weight	0.783 pounds
Cover rating	IP66 and IK08

Warranty

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

Member of the AXIS group



Axis Communications provides 2N sales and support for the Americas and APAC (excluding Japan).

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