

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.

Elite, 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 Datasheet









Technical parameters

Power supply

PoE and/or 12 V/1 A DC Type 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, 20V AC or 30V DC, 1A

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 ves

Audio

Microphone 1 integrated microphone **Amplifier** 5 W RMS (Class D) Speaker 1 integrated, 3W

LINE OUT

Volume control adjustable with automatic adaptive mode

Full duplex Yes (AEC) Audio output 3W

Protocols RTP/RTSP/SRTP

Codecs G.711, G.729, G.722, L16/16kHz

Camera & video

Sensor 1/2.7" colour CMOS Focal length 1.93 mm 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**

78mm(W) x 172mm (H) x 10mm Device (above the wall) Flush mounting box 67mm(W) x 167mm(H) x 56mm(D)

Mechanical Properties

Frame (cover) aluminium casting (three colors)

Button

Axis ARTPEC-7 Processor Operating temperature -40°C to +60°C -40°C to +70°C Storage temperature

Operating relative humidity 10%-95% (non-condensing)

Weight 355 g Cover rating IP66 and IK08

Warranty

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