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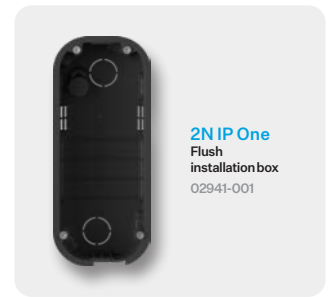
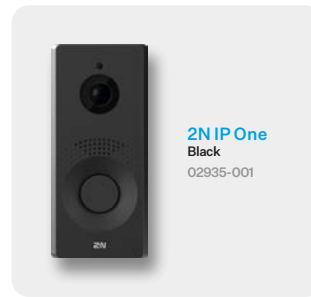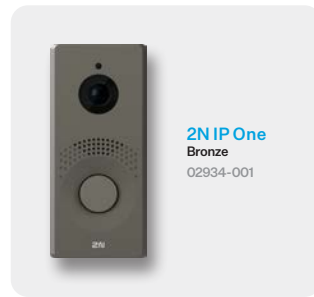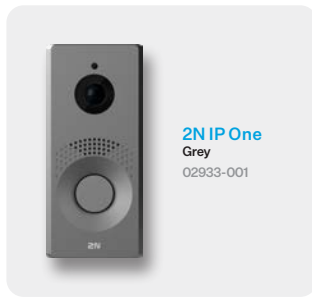### Full (HD), non-stop surveillance
If motion is detected by the Full HD intercom camera, or the microphone picks up increased noise, the 2N IP One will instantly notify residents and start recording what is happening outside the home.

### 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.

**2N IP One**
Grey
02933-001

**2N IP One**
Bronze
02934-001

**2N IP One**
Black
02935-001

**2N IP One**
Flush
installation box
02941-001

## 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 | RTP/RTSP/SRTP |
| Codecs | G.711, G.729, G.722, L16/16kHz |

### Camera & video

| | |
|---|---|
| Sensor | 1/2.7'' colour CMOS |
| Focal lenght | 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

| | |
|---|---|
| Device (above the wall) | 3.071 (W) x 6.772 (H) x 0.394 (D) inch |
| Flush mounting box | 2.638 (W) x 6.575 (H) x 2.205 (D) inch |

### Mechanical Properties

| | |
|---|---|
| Front cover | aluminium casting, three colors |
| Button | 1, backlighted |
| 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