2N® Access Unit

QR

Quick & **R**eliable One-off Access

The **2N Access Unit QR** provides quick, secure access using mobile phones and is perfect for visitors!

- Co-working spaces

- Sports facilities

- Late arrivals or deliveries (when there's no staff on site)

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Part of the
2N Access Unit 2.0 family...

Puts all decision-making
intelligence right at the door

You only need a **single network cable** for
internet connection and power supply (**PoE**)

Onboard **input, active output, and relay**
(possibility to add additional I/O modules)

2N OS makes it smart & secure

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...with some differences!

2N Access Unit QR is a **two-module reader** that:

- Has the same great design as the 2N IP Verso 2.0 but **is made to be installed in places that don't need a calling function** – for example, elevators, co-working spaces, sports facilities, and so on.

- Requires 2-module mounting accessories (frames, boxes, backplate)

- Is only available **in the nickel finish**

Frictionless visitor experience

No more remembering PIN codes or waiting at the desk for a temporary RFID card. Enhance the visitor experience by allowing receptionists to **email a QR code in advance** for mobile access control.

The best temporary access

Whether it's **one-off** entry, **time-limited** access, or just a **certain number of visits**, QR codes are the best credential for guests, providing convenience for visitors and flexibility for admins.
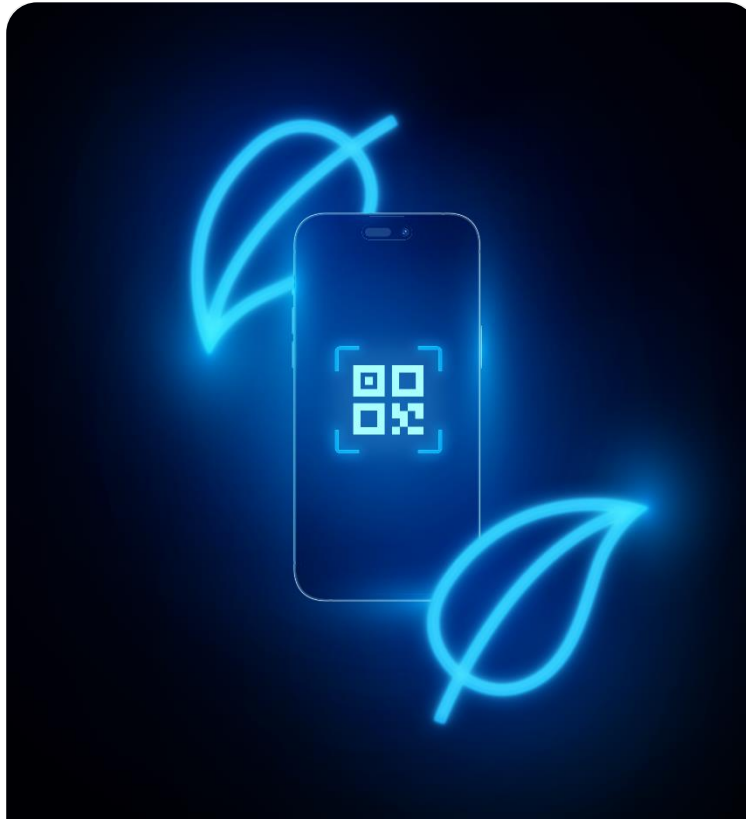
Complete flexibility

The **modular design** of the reader allows you to add another access module (e.g. Bluetooth & RFID), offering more flexibility for visitors as well as daily access options for personnel.
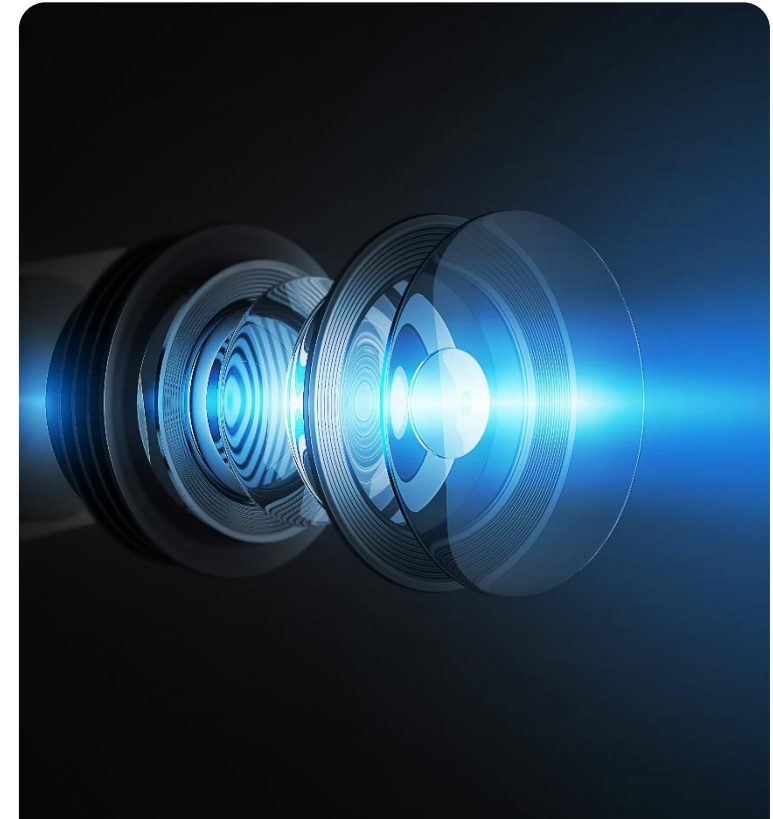
Reduced administrative overhead

Generate QR codes and **share them in bulk** to multiple users with a few clicks in the **2N Access Commander**. Or, use third-party software.

Free, more sustainable credentials

Reduce plastic waste and your spending: **QR codes are free** and eliminate the costs associated with the purchase of physical credentials, their handling, issuing, and disposal

Full HD camera enhances security

Supplement **access logs** in the 2N Access Commander **with snapshots** captured by the reader's camera. Or fully integrate the reader into your VMS.

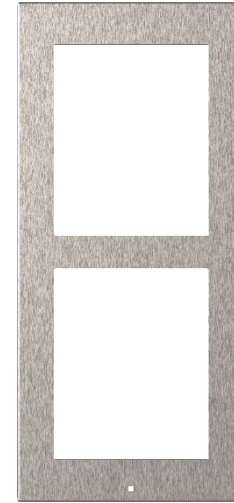www.2n.com

Mounting options & accessories

The 2N Access Unit QR is only available **in nickel** with the option of **surface or flush mounting**.

It is compatible with all modules from the 2N IP Verso 2.0 intercom.

Main unit (**916201**)

SURFACE

Frame
(2 modules)

Backplate
(optional, for glass)

FLUSH

Frame
(2 modules)

Box (mandatory)

Technical parameters

Power supply

Type	PoE and/or 12 V/1 A DC
PoE	802.3af (Class 0–12.95 W)

Interfaces

LAN	10/100BASE-TX with Auto-MDIX, RJ-45 jack
Recommended cabling	Cat-5e or better
Active switch output	8 to 12 V DC/max 400 mA
Passive switch	NO/NC contacts, up to 30 V/1 A AC/DC
Inputs	1 input - in passive/active mode (-30 V to +30 V DC)
Tamper switch	optional (extension module)

QR code specifications

Type	static QR containing 4-15 digits (decimal, hexadecimal)
Versions	1 - 40 (all the versions supported)
Others	QR code can be coloured and can contain an image

Audio

Microphone	1 integrated
Amplifier:	5 W (Class D)
Speaker	2 W / 8 Ω
Sound Pressure Level (SPL max)	78 dB (for 1 kHz at 1m)
LINE OUT	1 VRMS / 600 Ω
Volume control	adjustable with automatic adaptive mode
Full duplex	Yes (AEC)
Audio output	1.9 W
Protocols	RTP/SRTP
Codecs	G.711, G.729, G.722, L16/16kHz

Camera & video

Sensor	1/2.7'' colour CMOS
Focal length	1.9 mm
View angle	125° (H), 105° (V)
View angle "peephole"	138° (H), 105° (V)
Infrared light	yes
WDR	yes
Minimal illumination	0,8 lux without IR illumination
Protocols	RTP/RTSP/RTCP/HTTP, ONVIF v2.4 profile S & T
Codecs	H.264, MJPEG, Zipstream
Resolution H.264, MJPEG	max. Full HD (1920 x 1080)
Frame rate	max. 30 fps

Mechanical Properties

Frame (cover)	robust zinc cast frame with surface finish (nickel and black color)
Operating temperature	-40°C to +60°C
Storage temperature	-40°C to +70°C
Operating relative humidity	10%-95% (non-condensing)
Weight	2 kg
Cover rating	IP54 and IK08

Dimensions

Surface mounting (2 modules)	107 (W) x 234 (H) x 28 (D) mm
Flush mounting (2 modules)	130 (W) x 257 (H) x 45 (D) mm

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