



# 2N® Access Unit QR



## Quick & Reliable One-off Access

More secure than PIN codes, and cheaper and more sustainable than RFID cards – what's not to love about QR code access? The 2N® Access Unit QR provides quick, secure access using mobile phones and is perfect for visitors!

### Frictionless visitor experience

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

### 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.

### Reduced administrative overheads

Generate QR codes and share them in bulk with multiple users via email with a few clicks in the 2N® Access Commander. Or, use third-party software when integrating with another access platform.

### Complete flexibility

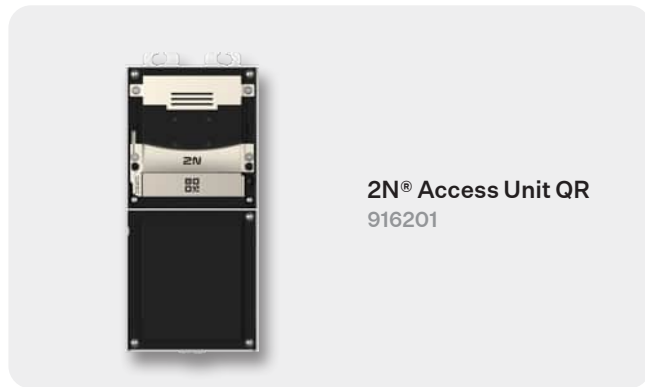
The modular design of the reader allows you to add another access module (e.g. Touch keypad, Bluetooth & RFID), offering more flexibility for visitors as well as permanent options for personnel.

### 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 eventual 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 and use it as a full-featured camera.



**2N® Access Unit QR**  
916201

## 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 VDC) OFF = open or $U_{in} > 1.5$ V ON = short-circuit or $U_{in} < 1.5$ V
Tamper switch	optional (extension module)

### Audio

Microphone	1 integrated
Amplifier:	5 W (Class D)
Speaker	2 W / 8 $\Omega$
Sound Pressure Level (SPL max)	78 dB (for 1 kHz at 1 m)
LINE OUT	1 VRMS / 600 $\Omega$
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. FullHD (1920 x 1080)
Frame rate	max. 30 fps

### QR code specifications

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

### 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 frame (2 modules)	107 (W) x 234 (H) x 28 (D) mm
Flush mounting frame (2 modules)	130 (W) x 257 (H) x 5 (D) mm
Flush mounting box (2 modules)	108 (W) x 238 (H) x 45 (D) mm

### Extension modules

2N® Access Unit QR supports all modules from the 2N® IP Verso 2.0 intercom

### Warranty

5-years warranty see [https://www.2n.com/en\\_GB/support/warranty-and-repairs](https://www.2n.com/en_GB/support/warranty-and-repairs)