2N

# 2N® ACCESS UNIT 2.0 FINGERPRINT READER

## A FINGERPRINT READER WITH A LUXURY DESIGN

An IP access control unit equipped with fingerprint reader. Thanks to its optical sensor, it provides maximum security, high reliability, and rapid fingerprint reading response. It works on indoor and outdoor installations under any weather conditions.



- **Reliable optical technology**

- **Innovative functional design**

- **Weather resistant sensor**

- **Spoof fingerprint detection**

- **Simple installation**

## ORDER NUM.:

916031

## TECHNICAL PARAMETERS

**Interface**

| | |
|---|---|
| Power supply | PoE and/or 12V/1A DC |
| PoE | 802.3af (Class 0–12.95W) |
| LAN | 10/100BASE-TX with Auto-MDIX, RJ-45 modular jack |
| Recommended cabling | Cat-5e or higher |
| Supported protocols | DHCP opt. 66, SMTP, 802.1x, TFTP, HTTP, HTTPS, Syslog |
| Passive switch | NO/NC contact, up to 30 V / 1 A AC/DC |
| Active switch output | 8 to 12 V DC according to power supply (PoE: 10 V; adapter: source voltage minus 2 V), up to 550 mA |
| Tamper switch | is part of the 2N Access Unit |
| Inputs | Passive / active mode (-30 V to +30 V DC) |

**Fingerprint reader**

| | |
|---|---|
| Sensor | Optical sensor protected by resistant glass |
| Reliability | Algorithm for fake fingerprint detection |
| Resistance | Resistant to water and dust |
| Ambient light suppression | Also works in direct sunlight |
| Signalling | Acoustic and multicoloured LEDs |
| Sensing area | Large with dimensions of 15.24 x 20.32 mm |
| Certification | certified according to FBI standard |

**Mechanical properties**

| | |
|---|---|
| Cover | Robust zinc cast with surface finish |
| Operating temperature | -20°C to 55°C |
| Storage temperature | -40°C to 70°C |
| Operating relative humidity | 10%-95% (non-condensing) |
| Dimensions | |
| Wall (surface) mounting frame | |
| 1 module | 107 (W) x 130 (H) x 28 (D) mm |
| Flush mounting frame | |
| 1 module | 130 (W) x 153 (H) x 5 (D) mm |
| Flush mounting box (minimum hole dimensions) | |
| 1 module | 108 (W) x 131 (H) x 45 (D) mm |
| Weight | max 0.8kg |
| Cover rating | IP54 and IK08 |