

UNIFIED INTERCOM READER

Integrated Access Control Reader and Video Intercom

Grant or deny access to your doors via a variety of access methods, including face verification, smart phone/watch, and cloud key—or any combination of these methods.



MULTIPLE ACCESS METHODS

The reader supports the most advanced facial verification technology, modern smartphone credentials, traditional cards and key fobs.



NO BADGE SHARING

Unlike traditional cardkey access, which can't guarantee the user is the actual badge owner, our face verification can intelligently verify identity.



ANTI-SPOOFING

Liveness detection can identify attempted presentation attacks, like printed photos, masks, or videos, and denies access accordingly.



CONTACTLESS ENTRY

Touchless mobile entry allows hands-free access to your facilities for a green, plastic-free solution.



TEMPORARY VISITOR ACCESS

Send visitors a web link (via an email or text) that will grant them temporary access to a specific door—no app required.



BUILT-IN ACCESS PANEL

The built-in access control panel allows you to control electronic door locks, exit buttons, and door contacts without long wiring runs.



POWERFUL CLOUD ACCESS CONTROL SOLUTION



3D Face Verification



Mobile Credentials



Video Intercom



AI Camera



Motion and Sound
Detection

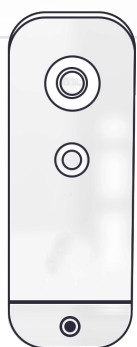


Encrypted Cards
and Fob



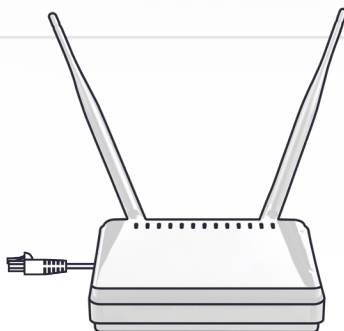
Combine access control with an AI camera, motion and sound detection, and a video intercom for the most intelligent multi-function reader in the industry.

HERE'S HOW IT COMES TOGETHER



Ethernet

Connect to your door hardware (e.g., electronic locks, door contacts, etc.) and plug reader into a PoE switch to power it up.



Connect the PoE switch to your router so you can access your reader via the cloud.



Your new reader is up and running and you'll see it in your Anavio portal.

SPECIFICATIONS

ELECTRICAL

Input Power: PoE

Power Consumption: 10 W

COMPLIANCE

FCC, FDA, CE, UKCA

SMARTCARD TECHNOLOGY

High Frequency 13.56 MHz

NFC, ISO 14442 A/B, ISO 18092

COMMUNICATION INTERFACE

Ethernet

PoE (802.3af)

Wiegand Input/Output

OSDP/RS485

2 General Purpose Inputs

1 Dry Contact Relay

DIMENSIONS

Height: 6.80 in. (172.72 mm)

Width: 2.70 in. (68.58 mm)

Depth: 1.50 in. (38.10 mm)

ENVIRONMENTAL

Temp: -4° to 122° F (-20° to 50° C)

Weather Rating: IP65

Shock Protection: IK07

AUTHENTICATION METHODS

3D Face Verification

MIFARE

DESFire

Mobile

Cloud-Key

MEMORY + PROCESSOR

Quad Core Arm Cortex A53; 1GHz

Image Signal Processor

Dedicated CV Processor

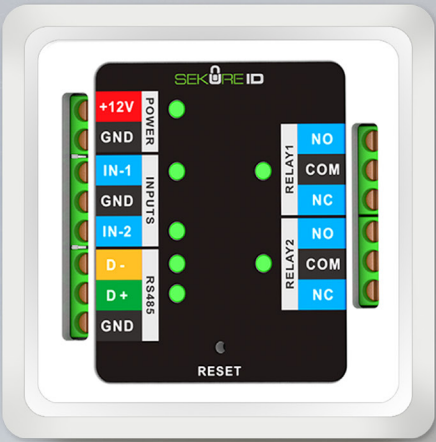
SECURITY

Fully encrypted communication

between reader and cloud software

I/O
CONTROLLER

This intelligent I/O controller ensures secure communication between Anavio’s Unified Intercom Reader (UIR) and door strikes, door contacts, and exit button.



ELECTRICAL

Input Power: 12 VDC

Current: 100 mA

COMMUNICATION INTERFACE

RS485 (COM)

2 Form C Relays

2 TTL Inputs

DIMENSIONS

Height: 1.25 in. (32 mm)

Width: 2.75 in. (70 mm)

Length: 2.75 in. (70 mm)

ORDERING INFORMATION

READER

VA-UIR02A
Unified Intercom Reader

READER CONNECTION LICENSES

VA-RLIC1Y
1-Year Reader License

VA-RLIC3Y
3-Year Reader License

VA-RLIC5Y
5-Year Reader License

VA-RLIC10Y
10-Year Reader License

ACCESSORIES

VA-SC1K
MIFARE PVC Printable
Smartcard (1 K)

VA-SCK1K
MIFARE Printable Smartcard
Keyfob (1 K)

VA-IOC01
Intelligent I/O box ensures secure
communication between UIR and
door strikes

V-POE-CS2
Combiner/Splitter for co-locating
any two Anavio readers

Please contact your Vicon sales representative for more information.



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