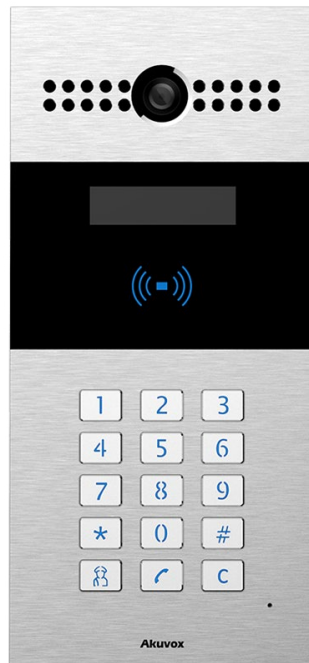




Intercom with Video, Card Reader & Keypad

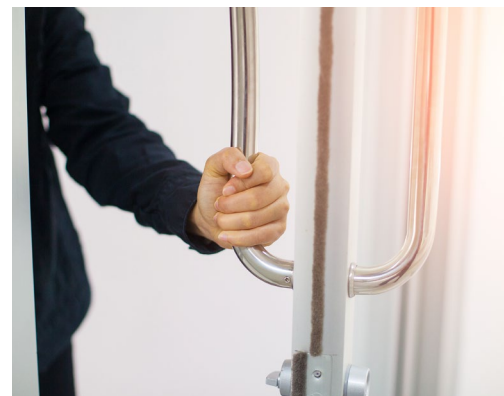


Overview:

The Akuvox R27A is an IP Video Door phone, enabling you to easily monitor an entrance door or gate. The R27A offers a sleek and elegant design with intelligent functionality with multiple application scenarios covered such as multi-tenant residential buildings and office blocks. The R27A has its own on-board access control system.

The R27A works seamlessly with Akuvox's internal Monitors C315S and IT82W offering compact and elegant design.

Note: The R27A must be purchased with the R27A Mounting kit, please see ordering information on page 4.





Intercom with Video, Card Reader & Keypad

R27A Intercom with Video, Card Reader & Keypad:

✓ IP AUDIO & VIDEO

Enables Audio and Visual monitoring of doors/gates which increases security on residential and commercial premises.

✓ VANDAL RESISTANT BODY WITH FLUSH BUTTONS

The R27a is IP65 rated in a Zinc Alloy body with illuminated flush buttons used for pin entry and calls to residents. The LCD displays the residents in the contact list.

✓ POE IEEE802.3AF, POWER-OVER-ETHERNET

The Akuvox Range of products are all POE (Power over Ethernet) devices or 12 Volt power supply. POE Switches Sold Separately**

✓ 3 MEGA PIXEL CAMERA FOR HIGH DEFINITION VIDEO CALLS

Using the latest H.264 video and G.722 audio codec to provide you with the highest quality video image and audio clarity.

✓ REMOTE ACCESS CONTROL

The R27A enables the ability to remotely control the door or gate for your premises. This also eliminates the need for personnel to be physically stationed in the building.

✓ COMPLIES WITH SIP STANDARD

The R27A complies with SIP Standard for easy integration in every SIP capable PBXes.

✓ COMPLIES WITH ONVIF STANDARD

The R27A complies with ONVIF Standard for easy integration with any network Surveillance system.



Additional Features:

SIP Endpoint:

- SIP v1(RFC2543), SIP v2(RFC3261)
- Audio codecs: G.711a, G.711μ, G.722, G.729
- Video codecs: H.264
- Echo Cancellation
- Voice Activation Detection
- Comfort Noise Generator

Video:

- Resolution: up to 720p
- Maximum image transfer rate: 720p - 30fps
- High intensity LEDs for picture lighting during dark hours
- Compatible to 3rd Party Video components, e.g. NVRs

Networking:

- 1 x 10/100 Mbps Ethernet connection
- DHCP Client or Static IP
- Network-Time-Protocol

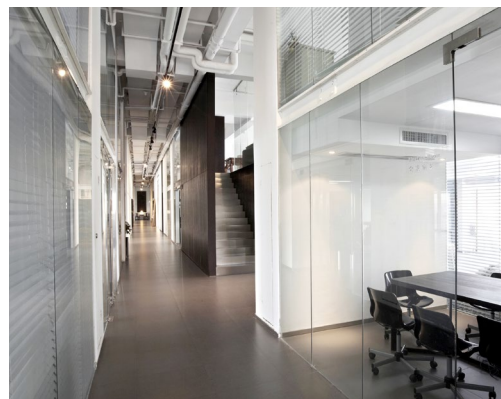
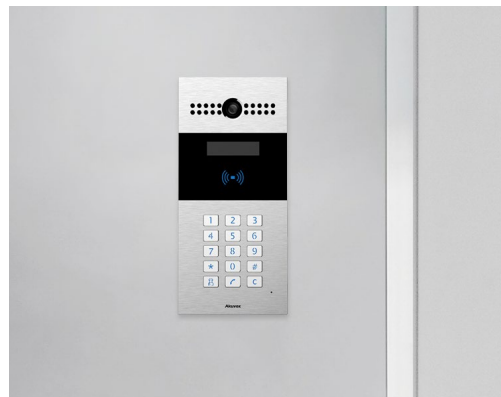
POE Switches are not provided with any Akuvox device



Intercom with Video, Card Reader & Keypad

Technical Data

| | |
|----------------------------|--|
| Vanderbilt Material Number | N54524-Z102-A100 |
| Power | IEEE 802.3af Power-over-Ethernet |
| Input Voltage | 12V DC (when not using POE) |
| Operating Environment | Internal/External, Surface mounting |
| IP Rating | IP65 |
| Nett Weight | 1.190 KGs (without Mounting Kit) 1.676KGs (with Mounting Kit) |
| Dimensions (H x W x D mm) | 280x130x38mm |
| Material: Body | Zinc Alloy |
| Display | LCD Display |
| Relays | 3 (Controlled by DTMF Codes or Messaging) |
| Card Reader: | 13.56MHz & 125kHz |
| Camera | 3MP camera, automatic lighting |
| Minimum illumination | 0.1 LUX |
| Audio codecs | G.711a, G.711μ, G.722 and G.729. |
| Interface | RS485 & Weigand |
| Power Consumption POE | Standby Power(W): 7.8 Full Load(W): 13 |
| Power Consumption Adapter | Standby Power(W): 6.6 Full Load(W): 11 |
| IK Rating | IK06 |



Note: The minimum power requirements do not allow for powering for external devices.



Intercom with Video, Card Reader & Keypad

Ordering Information:

| Type | Art. No. | Description | Weight* |
|-------------------|------------------|--|---------|
| R27A | N54524-Z102-A100 | R27A Intercom w. Video, Card Reader & Keypad | 1.19kg |
| R27A Mounting Kit | N54524-Z105-A100 | R27A Mounting Kit - Surface Mount | 0.65 kg |
| C315S | N54524-Z100-A100 | C315S Internal Door Phone Monitor | 0.550kg |
| IT82W | N54524-Z104-A100 | IT82W Advanced Internal Door Ph Monitor | 1.03kg |

Other Available Products

| Type | Art. No. | Description | Weight* |
|------------------|------------------|--|---------|
| R20A | N54524-Z101-A100 | R20A Intercom with Video & Card Reader | 0.503kg |
| R29S | N54524-Z103-A100 | R29S Advanced Intercom w. 7" Touchscreen | 1.550kg |
| R29 MOUNTING KIT | N54524-Z106-A100 | R29 Mounting Kit- Surface Mount | 0.650kg |

** Total weight of the product inclusive of the weight of its accessories and packaging.

an **ACRE**
company

vanderbiltindustries.com

 @VanderbiltInd

 Vanderbilt Industries

Vanderbilt International Ltd.

Clonshaugh Business and Technology Park

Clonshaugh, Dublin D17 KV 84, Ireland

 +353 1 437 2560