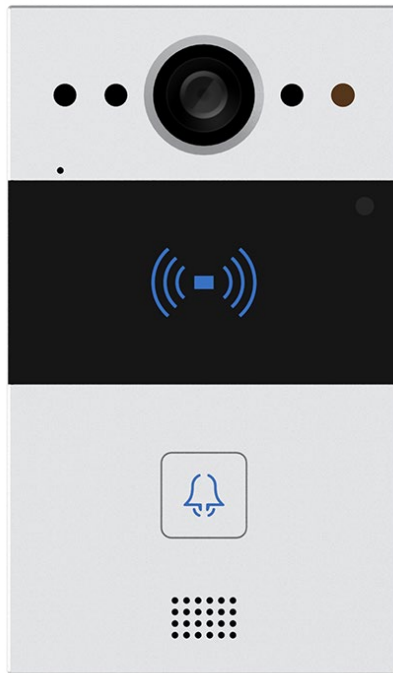




Intercom with Video and Card Reader



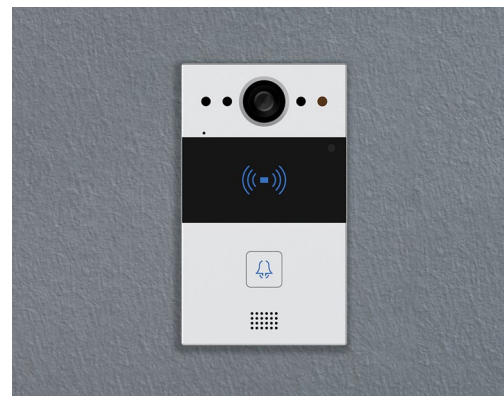
### Overview:

The Akuvox R20A IP Doorphone enables you to easily monitor an entrance door or gate and gives you the peace of mind knowing that your facility is more secure. The R20A is a POE (Power Over Ethernet) Device with built in RF Card Reader. Included in the compact design is the powerful 3MP Camera for HD Video call function.

The perfect solution for office doors with on-site or hosted IP-PBX. Other application scenarios include:

- ✓ Remote site entry over Internet
- ✓ Apartment/flat intercom with door access control

The R20A intercom works seamlessly with our touch screen internal monitors C315S or IT82W.





## Intercom with Video and Card Reader

### R20A intercom with Video and Card Reader:

#### ✓ IP AUDIO & VIDEO

The R20A provides audio and visual monitoring of doors or gates, which increases security on residential and commercial premises.

#### ✓ 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 R20A 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 R20A complies with SIP Standard for easy integration in every SIP capable PBXes.

#### ✓ COMPLIES WITH ONVIF STANDARD

The R20A complies with ONVIF Standard for easy integration with any network Surveillance system.

#### ✓ ONBOARD ACCESS CONTROL SYSTEM

The R20A comes with its own Access Control System. This allows for up to 500 users.

\*\*POE Switches are not provided with any Akuvox device\*\*



#### 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

##### Networking:

- 1X10/100 Mbps Ethernet Port
- Protocols support: IPv4, HTTP, HTTPS, FTP, SNMP,DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP



## Intercom with Video and Card Reader

Technical Data	
Vanderbilt Material Number	N54524-Z101-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	0.443kg inclusive of mounting bracket
Dimensions (H x W x D mm)	85x145x27.5mm
Material: Body	Zinc Alloy
Display	N/A
Relays	2 output relays
Card Reader:	13.56MHz & 125kHz
Camera	3M pixels, automatic lighting
Minimum illumination	0.1 LUX
Audio codecs	G.711a, G.711μ, G.722, G.729
Interface	RS485
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
Operating Temperature	-20°C~+55°C.

Web Interface Languages      English, Simplified Chinese, Traditional Chinese



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



## Intercom with Video and Card Reader

### Ordering Information:

Type	Art. No.	Description	Weight*
R20A	N54524-Z101-A100	R20A Intercom with Video & Card Reader	0.503kg
C315S	N54524-Z100-A100	C315S Internal Door Phone Monitor	0.448kg
IT82W	N54524-Z104-A100	IT82W Advanced Internal Door Ph Monitor	0.873kg

### Other Available Products

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	0.65kg
R29S	N54524-Z103-A100	R29S Advanced Intercom w. 7" Touchscreen	1.364kg
R29 MOUNTING KIT	N54524-Z106-A100	R29 Mounting Kit- Surface Mount	0.500kg

\*Gross weight of the product inclusive of the weight of its accessories and packaging.

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company

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