



Advanced Intercom with 7" Touchscreen

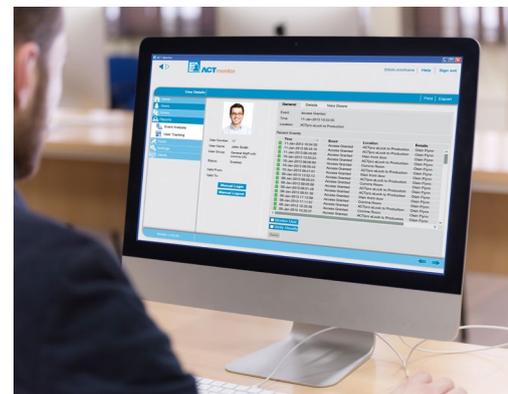
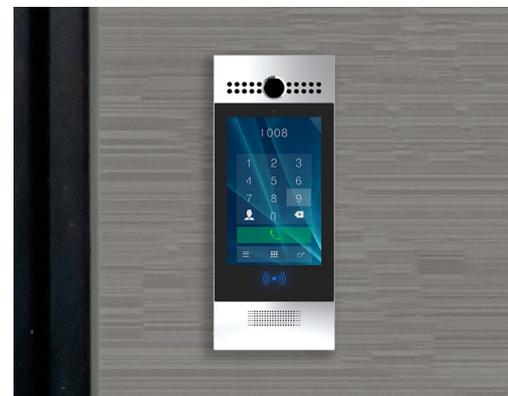


## Overview:

The Akuvox R29S is a smart IP Video Door phone, enabling you to easily monitor an entrance door or gate. The R29S offers a sleek and elegant design with intelligent functionality with multiple application scenarios covered such as multi-tenant residential buildings and office blocks. The R29S has its own on-board access control system and is easily integrated with ACT Enterprise.

The R29S is designed to work with a range of Akuvox's internal Monitors, the C315S and IT82W. The R29S is also capable of communication to an IP Phone, mobile client or softphone.

*The R29S must be purchased with the R29S Mounting kit, please see ordering information on page 4.*





## Advanced Intercom with 7" Touchscreen

### R29S Advanced Intercom with 7" Touchscreen:

#### ✓ IP AUDIO & VIDEO

The R29S provides audio and visual monitoring of doors or gates, which increases security on residential and commercial premises.

#### ✓ 7" TOUCHSCREEN

The R29S comes with a elegant 7" touch screen with built in card reader. The 7" display can present information and user navigation option customizable for your business or residential building.

#### ✓ 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 R29S 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 R29S complies with SIP Standard for easy integration in every SIP capable PBXes.

#### ✓ COMPLIES WITH ONVIF STANDARD

The R29S complies with ONVIF Standard for easy integration with any network Surveillance system.

#### ✓ ONBOARD ACCESS CONTROL SYSTEM

The R29S comes with its own Access Control System. This allows for up to 2000 users to be maintained.



#### Additional Features:

##### SIP Endpoint:

- SIP v1(RFC2543), SIP v2(RFC3261)
- Audio codecs: G.711a, G.711μ, G.722
- Video codecs: H.263, H.264
- Echo Cancellation
- Voice Activation Detection
- Comfort Noise Generator

##### Video:

- Resolution: up to 1080p
- Maximum image transfer rate: 1080p - 30fps
- High intensity LEDs for picture lighting during dark hours

##### Networking:

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

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



## Advanced Intercom with 7" Touchscreen

### Technical Data

Vanderbilt Material Number	N54524-Z103-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	1.340 KGs (Without Mounting Kit) 1.850 KGs (With Mounting Kit)
Dimensions (H x W x D mm)	324x130x27mm
Material: Body	Zinc Alloy
Display	7" IPS LCD - Capacitive touch screen
Relays	3 (Controlled by DTMF Codes or messaging)
Card Reader:	13.56MHz & 125kHz
Operating Temperature	-20°C ~ +55°C
Minimum illumination	1 LUX (without LED illumination)
Camera	3MP camera, automatic lighting
Viewing angle	120°
Audio codecs	G.711a, G.711µ, G.722, G.729
Operating System	Android 5.1
RAM / ROM	2GB / 16GB
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	IK05
Languages Supported on Device LCD	English, Spanish, French, Slovakian, Turkish, Simplified Chinese, Traditional Chinese
Languages Supported on Web Interface	English, Simplified Chinese, Traditional Chinese



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



Advanced Intercom with 7" Touchscreen

### Ordering Information:

Type	Art. No.	Description	Weight*
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
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
R27A	N54524-Z102-A100	R27A Intercom w. Video, Card Reader & Keypad	1.030kg
R27A MOUNTING KIT	N54524-Z105-A100	R27A Mounting Kit - Surface Mount	0.650kg

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

an **ACRE**<sup>™</sup>  
company

[vanderbiltindustries.com](http://vanderbiltindustries.com)

 @VanderbiltInd

 Vanderbilt Industries

**Vanderbilt International Ltd.**

Clonshaugh Business and Technology Park

Clonshaugh, Dublin D17 KV 84, Ireland

 +353 1 437 2560