

# AK-R20A

AKUVOX



## Features

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- Akuvox
- IP video door entry system with 2 Mpx camera for 1 apartment
- Built-in speaker and microphone
- Two-way audio with Crystal Clear technology
- Night vision with IR illumination
- TCP/IP Connection
- PoE IEEE802.3af
- Integrated EM/MF and NFC card reader
- Remote door opening
- 2 door relay outputs
- Advanced access functions: anti-passback (through Cloud)
- Wiegand ports and RS485
- LED illumination on keypad and configurable card reader
- Suitable for exterior IP65
- Aluminium alloy surface
- Surface mounting with bracket included
- Easy-to-integrate SIP standard
- Complete configuration via web browser
- Push notifications and calls between devices through SmartPlus APP
- 4 free users included per house

- Call and user directory
- Firmware upgrades via cloud with installer control
- ONVIF protocol for integration with video surveillance recorders
- Connection between boards and monitors via cloud in different networks
- Remote configuration access for installation

## Specifications

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<b>Brand</b>	Akuvox
<b>Model</b>	R20A
<b>Access control</b>	Door opening with RFID card EM 125 kHz and MF 13.56 MHz and NFC, with records
<b>Capacity</b>	Contacts: 1.000 RFID users: 5.000 card(s)
<b>Keypad</b>	Mechanical call button with configurable LED illumination
<b>Outputs</b>	2 x lock relay, 1 x Wiegand OUT and 1 x RS485
<b>Inputs</b>	2 x output pushbutton and 1 x Wiegand IN
<b>Advanced access functions</b>	Anti-passback (configurable via Cloud, in Office Project)
<b>Remote access</b>	SmartPlus cell phone application or configuration via WEB browser Remote access by Cloud: Included
<b>Image sensor</b>	1/2.7" 2 Megapixel CMOS with infrared sensor and light sensor
<b>Viewing angle</b>	110° (H) / 58° (V)
<b>Camera resolution</b>	1920x1080 - 25fps / CIF, QCIF, VGA, 4CIF, 720p, 1080p
<b>Video encoding</b>	H.264 y H.265
<b>Audio</b>	Two-way audio with noise-reduced microphone and speaker with Crystal Clear Audio technology
<b>Audio format</b>	SIP v1 (RFC2543), SIP v2 (RFC3261), G.711a, G.711?, G.729, G.722 DTMF (RFC2833), SIP Info
<b>Network interface</b>	Ethernet 10/100 BaseT / RS485 / RTSP
<b>Mode of operation</b>	Local network and/or via cloud in different networks
<b>Firmware updates</b>	Remote with cloud via installer account or via web browser locally
<b>Material</b>	Aluminium alloy
<b>Degree of protection</b>	IP65
<b>Temp. operation</b>	-40 °C ~ +65 °C
<b>Dimensions</b>	145 (H) x 85 (W) x 28 (D) mm
<b>Power</b>	DC 12 V / 1000 mA máx. / IEEE802.3af PoE
<b>Weight</b>	800 g

**Range**

EasyAccess

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