

Passenger Emergency Intercom

Passenger emergency alarms are installed in areas such as the sides of train doors, toilets, and areas for the disabled. They are provided for passengers to seek help from the driver or the ground control center in case of emergencies.

- As a digital audio device, both the audio stream and video stream can be retrieved and stored separately.
- Support full - duplex intercom.
- Support the adjustment of microphone volume and monitoring volume.
- An independent pinhole camera can be optionally configured to support one-way visual intercom.



Technical Parameters

Items	Specification
Camera	
Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal 110°, Vertical 59°
Video Compression	H.265 / H.264
Max. Resolution	1920×1080

Video Bit Rate	128Kbps ~ 8Mbps
Frame Rate	50Hz: 25fps (1920×1080, 1280×720, 704×576)
General	
Frequency Response	100Hz ~ 8kHz $\leq \pm 3\text{dB}$
Rated Harmonic Distortion	$\leq 1\%$ (1kHz)
SNR	$\geq 60\text{dB}$
Sampling Rate	44.1kHz, 16bit, mono-channel
Output Sound Level	$\geq 70\text{dB}$ (At 0.5 meters from the speaker)
Rated Output Level	0dB
Communication Interface	2×10/100M auto-negotiation Ethernet interfaces
Power	$\leq 10\text{W}$
Power Supply	DC24V (-30%~+25%) or DC72V (-30%~+25%) or DC110V (-30%~+25%)
Operating Conditions	-25 °C to 70 °C, humidity less than 95% (non-condensing)

* The device structure, indicator lights, and interface types all support customized development.