PITON TECHNOLOGY

Intercom

Passenger Emergency Intercom

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Features

- Pushbutton, lever or external activation
- Green LED: Ready
- Red LED: Busy

Certification

- EN 50155 for Railway applications
- EN 61373 Random Vibration & Shock Testing
- EN 50121-3-2 Railway applications. Electromagnetic compatibility
- EN 45545 Fire and smoke
- EC Certificate of Conformity according to TSI 1300:2014
- EC Certificate of Conformity according to TSI LOC & PAS 1302:2014

Specifications

Technical Specification	1 Ethernet interfaces with M12 connector
	MP3, G711, G.722, PCM Encoding
	AACplus, MP3, Ogg Vorbis, G.711, G.722, PCM linear Decoding
	Shoutcast/Icecast Source capability
	Audio Level Supervision with SNMP Trap generation
	IP Streaming via TCP, UDP, RTP, Multicast
	Embedded, robust OS, IP stack with support for TCP/IP, UDP, RTP, SIP, DHCP, Multicast/IGMP
	Integrated web server (control/configuration)
Environmental Characteristics	Operating temperature range: -25 to +45°C EN50155 class T3
	Ingress protection rate: IP32 (front)
	EN 50155 for Railway applications
	EN 61373 Random Vibration & Shock Testing
	EN 50121-3-2 Railway applications. Electromagnetic compatibility
	EN 45545-2 Fire and smoke
Power Supply	Power over Ethernet IEEE 802.3 af compliant with EN50155
	Consumption: 12W max
Physical Characteristics	104 x 200 x 55 mm (L x H x D). (can change according to the project customization
	Front panel: aluminium
Order Code	PTN-INT-001 / İntercom, SIP VOIP protocol, M12 D code Ethernet Power over Ethernet

Customization

Customization is available upon your request.

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Introduction

The PITON Passenger Emergency Intercom allows userfriendly communication between passengers and train staff, driver or ground station. It's designed for ready-to-use professional high availability train borne IP systems.

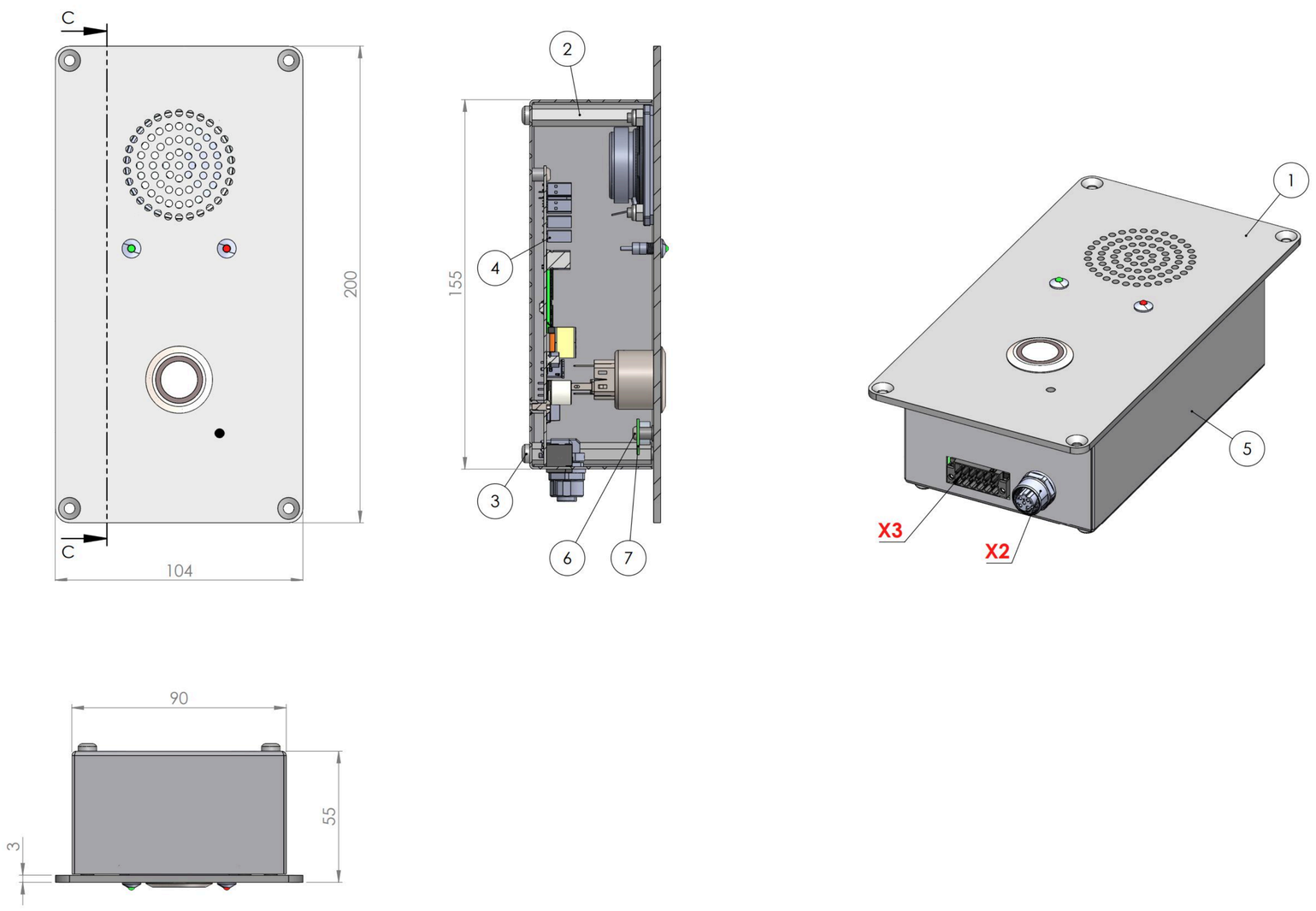
It's designed to withstand the mechanical, electrical and environmental stress encountered in metro, train or tram installations. A wide operating temperature range ensures reliable operations from –25 to +45°C continuous.

The communication happens in full duplex mode via VoIP custom or SIP: the audio streaming, compressed in MP3 format, requires a very limited bandwidth allocation, allowing a flowing conversation also in low priority connections.

Easy installation: deployment, installation and set-up are easy thanks SNMP protocol.

Product Views

Technical Drawing



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