

Introduction

- Reliable communication with SIP-based VoIP and custom audio protocol support.
- Wide operating temperature range from -25°C to +70°C ensures durability.
- Fully compliant with EN 50155, EN 61373, EN 50121, and EN 45545-2 standards.
- Compact and lightweight design with only 0.4 kg for easy installation.
- Clear and natural sound with omnidirectional microphone and dynamic earphone.



Specifications

General Information	Power Input	PoE (Power Over Ethernet)
	VOIP Features	SIP standard communication or custom audio protocol
	Operational Temperature Range	-25 to +70°C EN 50155 class T3
	Active Area (mm)	376.32(H) × 301.056(V)
	Dimensions	63 x 202 x 61 mm (WxHxD)
	Weight	0,4kg
	Backlight MTBF	50,000 hrs
	Microphone Directivity	Omnidirectional
	Compliance	EN 50155, EN 61373, EN 50121, EN 45545-2
Microphone (Electret Condenser)	Sensitivity	-46 dB (± 3 dB) at 1kHz, 0dB=1V/Pa
	Frequency response	100 Hz to 10 kHz
	Operating voltage	2 V (max. 10 V)
	Frequency response	2.2 kΩ at 1 kHz
Earphone (Dynamic)	Efficiency	100 dB at 1 kHz (± 2 dB)
	Frequency response	200 Hz ÷ 5 kHz
	Impedance	300 ohm (± 15%) at 1 kHz
PTT Switch	Current	100 mA max
	Contact resistance	< 1 ohm
	Frequency response	2.2 kΩ at 1 kHz
	Electrical life	> 100.000 cycles
	Activation pressure	240 g
	Compliance	EN 50155 Railway application – Electronic equipment used in railway vehicles EN 45545 Railway application – Fire and smoke compliance EN 50121 Railway applications – Electromagnetic compatibility compliance EN61373 Railway applications – Railway vehicle equipment – Impact and vibration tests

Introduction

The handset is a compact and reliable communication solution engineered for demanding railway environments. With SIP-based VoIP and custom audio protocol support, it guarantees seamless integration into existing systems.

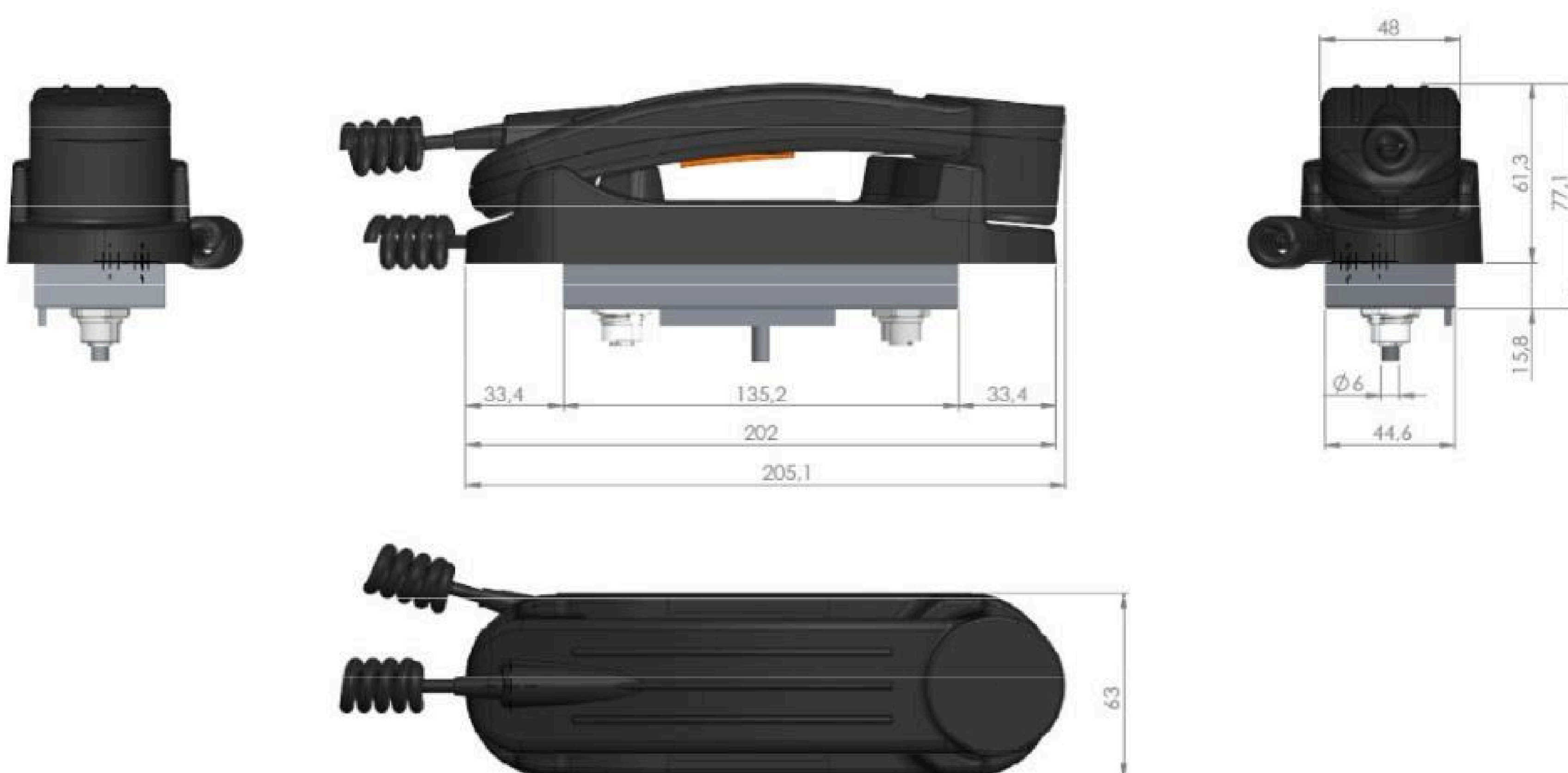
Certified to EN 50155, EN 61373, EN 50121, and EN 45545-2 standards, it provides proven safety, resistance to vibration, and fire protection. Its lightweight yet robust design ensures easy installation, while the omnidirectional microphone and dynamic earphone deliver clear and natural audio performance in all conditions.

Built for long service life, the push-to-talk switch endures over 100,000 activation cycles, ensuring consistent reliability for daily operations.

Product Views



Technical Drawing



PITON
TECHNOLOGY

☎ +90 222 222 12 34

✉ info@piton.com.tr

🌐 piton.com.tr

Contact Us:

