



# Explosion-proof telephone EX-BH621

The Becke EX-BH621 Explosion-proof Public Address Telephone is a SIP-compliant VoIP device for hazardous zones like oilfields and chemical plants. With IP66 protection, PoE power, 100dB+ ringing and multi-protocol support, it ensures reliable communication in harsh environments. Suitable for explosive gas environments in Zone 0, Zone 1, and Zone 2. Suitable for IIC explosive gas environments. Suitable for combustible dust environments in zones 20, 21, and 22. Suitable for T1~T6 temperature groups. Widely used in hazardous environments such as oil extraction, chemical, military, pharmaceutical and refining, as well as in oil depots, offshore oil platforms, oil tankers, and other places.

## Highlights

- ☑ Aluminum alloy die-casting shell, stainless steel keyboard, riot and noise reduction earpiece, zinc alloy hanging fork.
- ☑ High temperature electrostatic spraying on the surface of the shell, with good anti-static ability and corrosion resistance.
- ☑ The telephone casing is professionally designed for protection, waterproof and dustproof, without the need for a waterproof cover, making it beautiful and practical.
- ☑ The system supports SIP 2.0 protocol
- ☑ Number key dialing, calling any terminal, achieving full duplex intercom.
- ☑ 30W output high-quality amplifier amplification, with clear and loud sound quality.
- ☑ The external 25W speaker, earpiece, and speaker volume can be adjusted through the keyboard.
- ☑ Can directly connect to Ethernet, cross network segments and routes.
- ☑ Supports POE power supply, with anti surge and anti-interference capabilities.

# Detailed parameters

Explosion proof signs	ExdibIICT6Gb/EXtDA21IP66T80°C
Rated voltage	AC220V
Network communication protocol	TCP、UDP、ICMP、SIP2.0
Frequency response	250~3000 Hz
Amplification output power	10~25W
Protection level	IP66
Ambient temperature	-40~+60°C
Atmospheric pressure	80~110KPa
Relative humidity	≤95%
Lead out wire hole	3-G3/4"
Installation method	Wall mounted
Material	Aluminum alloy
Color	Yellow
External size	343×294×206 mm
Overall weight of product	12kg