

1008132035

TKIE-3CC | IP Intercom Kit

Extended IP Kit with Conformal Coating



- ✓ Conformal coated electronics (CC) - for enhanced protection in humid, dusty, or corrosive environments
- ✓ Flexible integration options - with dual RJ45 Ethernet ports (integrated switch), dual DPDT relays, six configurable I/Os (input, output, or LED-driving), and a 5x5 keyscan matrix for external keypad support
- ✓ Advanced Audio Technology - High sound pressure levels, automatic volume gain control, and active noise and echo cancellation for superior clarity.
- ✓ Seamless Integration - Fully compatible with Zenitel Connect Pro, ICX-AlphaCom, IC-EDGE, and SIP-based systems.



SIP



ONVIF Conformant



IC-Edge



ICX-AlphaCom



HD Voice

Description

The TKIE-3CC is an enhanced model in our IP Intercom Kit range, building on the proven audio performance of the TKIS-2. It delivers the same high-quality sound while introducing a range of expanded features, including conformal coating for added environmental protection, dual RJ45 ports for Ethernet connectivity with an integrated switch, dual relays, a 5x5 keyscan matrix, and a dedicated header for easy integration of audio accessories.

For high-power control applications, the TKIE-3CC can be paired with the TA-10 Relay Module, which provides two DPDT relays suitable for high-voltage and high-current environments.

See also: Additional documentation is available at wiki.zenitel.com.

Specifications

AUDIO

| | |
|-----------------------------------|--|
| Codecs | G.711, G.722, G.729 |
| Frequency range, G.722 Codec | 200 Hz – 7000 Hz |
| Audio technology | Full open duplex, switched open duplex |
| | Sound level detection (scream alarm) |
| | Automatic gain control |
| | Automatic volume control (AVC) |
| | Acoustic Echo Cancellation (AEC) |
| | Noise cancellation |
| Internal speaker amplifier | 10 W class D |
| Supported microphone technologies | Digital MEMS microphone, Electret microphone |
| Recommended loudspeaker impedance | 8 ohm |

NETWORKING AND PROTOCOLS

| | |
|-----------------------|---|
| Application Protocols | SIP, SIPS, HTTP, HTTPS, TFTP, RTP, SRTP, RTCP, RTSP, DHCP, SNMP, Vingtor-Stentofon CCoIP®, NTP, ONVIF, WS-Discovery |
| IP Versions | IPv4 & IPv6 |
| LAN protocols | Power over Ethernet (IEEE 802.3 a-f) Network Access Control (IEEE 802.1x) |
| Supervision functions | Keep alive test, tone test, status reports |
| SIP support | RFC 3261 (SIP base standard) RFC 3515 (SIP refer) RFC 2976 (SIP info), SIP using TLS, RFC 5630 SIPS URI scheme |
| DTMF support | RFC 2833, 2976 (SIP info) |
| Integration and API | Connected to ICX-AlphaCom through AlphaCom protocol ACDP |
| | Connected to Zenitel Connect Pro through Zenitel Link |
| | ONVIF |

