

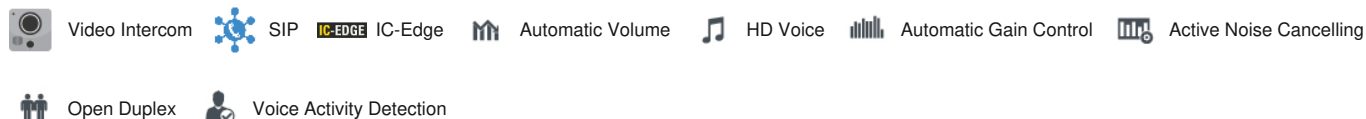
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## ZMK-1 | Multi-purpose IP Intercom Module

### Zenitel Multipurpose Kit



- ✓ Build tailored door entry help points and information terminals powered by Zenitel technology
- ✓ Expand capabilities by connecting 3rd party devices such as touchscreen, keypad, camera, and microphone
- ✓ Reduced development cost with open standard connectors and interfaces such as USB, HDMI, and dry contacts
- ✓ Zenitel audio presence - Crystal clear audio
- ✓ ONVIF Compatible
- ✓ Special audio functions like automatic volume control, sound level detection, and digital noise reduction provide high speech quality in any situation.
- ✓ Full open duplex provides free-flowing hands-free communication.
- ✓ High quality and high power 15W audio amplifier

[Learn more](#)


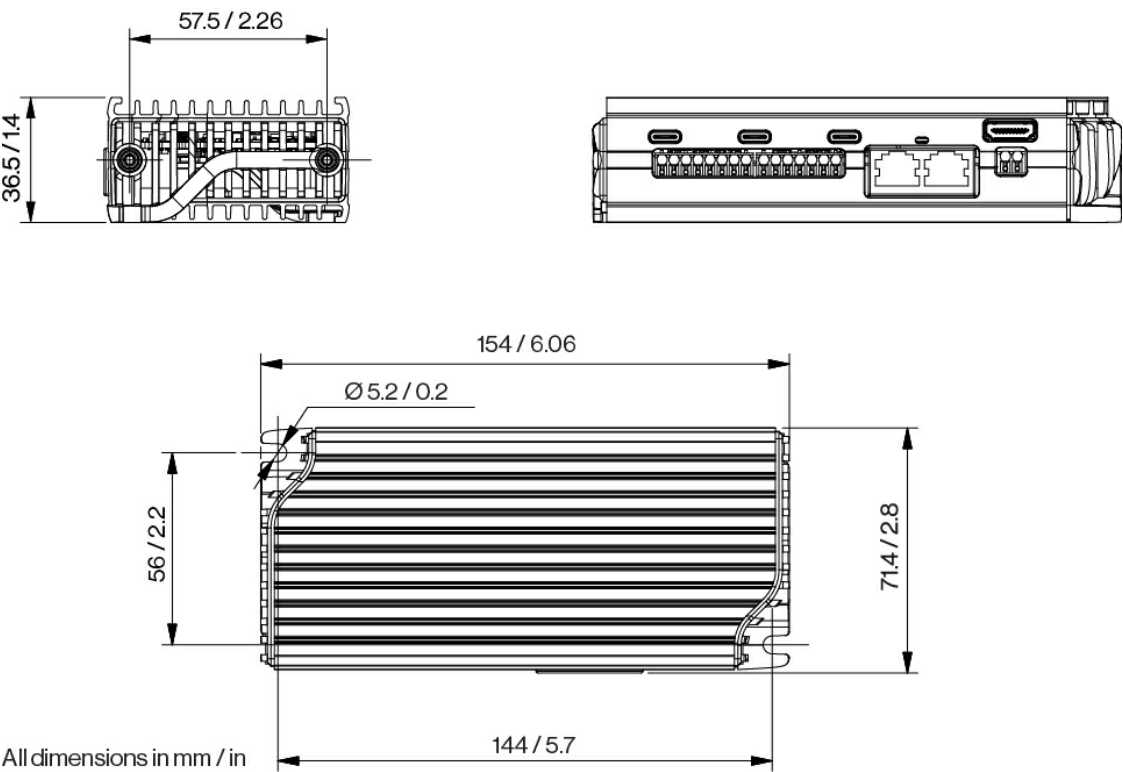
## Kuvaus

Zenitel's Multi-purpose IP Intercom Module has an innate interoperability with 3rd party devices through standard interfaces and connectors, making it ideal choice for your personalized door entry communication solutions. ZMK-1 is a one-stop communication hub. It provides a variety of easily accessible connection options for audio and video devices, display devices such as touch screens, and access control.

With a front-end user interface that your customers have been looking for, you can provide them with the flexibility they need. Easy to customize. Easy to install. Easy configure.

See also: additional documentation on [wiki.zenitel.com](https://wiki.zenitel.com)

# Technical Dimensions



# Specifications

## AUDIO

|                                                   |                                               |
|---------------------------------------------------|-----------------------------------------------|
| Dynamic noise cancellation                        | Yes                                           |
| Codecs                                            | G.711, G.722, G.729                           |
| Frequency range, G.722 Codec                      | 200 Hz - 7000 Hz                              |
| Audio technology                                  | Modes: Full open duplex, switched open duplex |
|                                                   | Sound level detection (scream alarm)          |
|                                                   | Automatic gain control                        |
|                                                   | Automatic volume control                      |
| Rated internal speaker amplifier power (1% THD+N) | 15W                                           |
| Rated speaker impedance                           | 8 ohm                                         |
| Supported microphones                             | Electret & dynamic                            |
| Audio line level input                            | Yes (1Vrms)                                   |
| Audio line level output                           | Yes (1Vrms)                                   |

## HARDWARE

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| Ethernet connector        | 2 x RJ45                                                                                       |
| USB                       | 1x USB-C, USB 2.0 (5V 1.5A current capability). 2x USB-C, USB 3.0 (5V 1.5A current capability) |
| HDMI                      | HDMI Display output                                                                            |
| All other connectors      | Tool less, spring loaded terminals                                                             |
| General input and outputs | 2 (configurable)                                                                               |
| Outputs                   | 12mA as LED drivers                                                                            |
| Change-over relay         | NO+COM (2A, 60W, SELV)                                                                         |
| Power options             | PoE and/or external power supply                                                               |
| PoE (Power over Ethernet) | 802.3bt Type 3 Class 5 (40W) (recommended). Active power monitoring.                           |
| External power supply     | 24-48VDC, 40W                                                                                  |

NETWORKING AND PROTOCOLS

|                                |                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------|
| Protocols                      | IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, DHCP, SNMP, ONVIF, CoIP®, NTP |
| LAN protocols                  | Power over Ethernet (IEEE 802.3 bt)<br>Network Access Control (IEEE 802.1x)          |
| Advanced supervision functions | Tone test, status reports, SNMP support                                              |
| SIP support                    | RFC 3261 (SIP base standard)<br>RFC 3515 (SIP refer)<br>RFC 2976 (SIP info)          |
| DTMF support                   | RFC 2833, 2976 (SIP info)                                                            |

ENVIRONMENT

|                             |                                |
|-----------------------------|--------------------------------|
| Operating temperature range | -40° to 55° C / -40° to 131° F |
| Storage temperature range   | -40° to 70° C / -40° to 158° F |

OTHER SPECIFICATIONS

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Dimensions (HxWxD) | 36.5 x 154 x 71.4 mm / 1.4" x 6.2" x 2.8"                                     |
| Weight             | 320g                                                                          |
| Warranty           | 2 Years standard warranty, extendible up to total of 5 years (additional fee) |

Accessories



TA-17

Item Number: 1008140170



TA-16

Item Number: 1008140160