



im6

## IM6 COMPACT HIGH-END INTERCOM MODULE

Designed for installing into existing casings and for use as a part of custom-built Intercom stations

### CAMERA SUPPORT

- Commend camera support
- SIP Video
  - Onvif

### TOUCH-DISPLAY SUPPORT

Easy installation of a touch-display via HDMI and USB

### SOUND QUALITY

Crystal clear sound with up to 20 kHz speech quality and high volume capacity

### HANDS-FREE COMMUNICATION

OpenDuplex® for natural hands-free communication and support of high volume levels

### SPEECH INTELLIGIBILITY

Special audio functions ensure ultimate speech intelligibility in any situation

### CLEVER DESIGN

All connectors on one side

### IN- & OUTPUTS

3 digital inputs, 2 relay outputs

### ACCESSORIES



USB-Audio-Inductionloop  
**AFIL USB**



IP-Secure Connector  
**IP SEC**



PoE+ Injector  
**PA 25W POE DC**



Module for In- and Outputs  
**EB3E2A-AUD**



USB output module  
**EB1A**



IP-Converter for 2-wire connections  
**IP-Bridge**

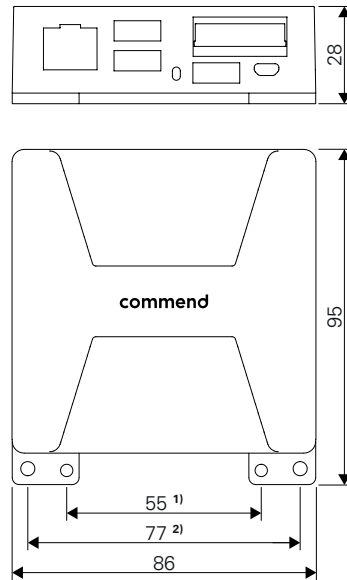
# TECHNICAL SPECIFICATIONS

## Technical Data

<b>IP rating:</b>	IP20 (as per EN 60529)
<b>IK rating:</b>	IK05 (as per EN 62262)
<b>Amplifier:</b>	Integrated Class D amplifier, 15 W
<b>Inputs:</b>	3 digital inputs for floating contacts <sup>(1)</sup> (switches, buttons, relay outputs, etc.)
<b>Outputs:</b>	2 relay outputs max. switching voltage: 60 VDC, 30 VAC <sup>(2)</sup> max. switching current (per output): 2 A max. switching power (per output): 60 W (DC), 37.5 VA (AC) Expected life: min. 10 <sup>5</sup> (30 VDC/2 A), min. 2 × 10 <sup>5</sup> (30 VDC/1 A)
<b>Audio bandwidth:</b>	up to 20 kHz
<b>Audio codecs:</b>	Opus, G.722, G.711 a-law and G.711 u-law
<b>Video features:</b>	Codecs: H.264 (SIP Video and ONVIF), MJPEG (HTTP-Video and ONVIF), and RTSP ONVIF Specification: ONVIF Profile S
<b>IT security:</b>	SIP via TLS, SRTP, IEEE 802.1X, MJPEG via HTTPS, HTTPS for access to web interface and interface ports
<b>Operating temperature:</b>	-40 °C to +70 °C
<b>Storage temperature:</b>	-40 °C to +70 °C
<b>Relative ambient humidity:</b>	up to 95%, not condensing
<b>Connections:</b>	20-pin spring-loaded terminal 2 × USB 2.0 (Type A) 1 × USB 3.0 (Type A, for camera module) <sup>(3)</sup> Micro HDMI (Type D) RJ45 port for Ethernet and PoE+ (10/100 Mbit/s)
<b>Power supply <sup>(4):</sup></b>	PoE+: IEEE 802.3at/Class 4
<b>Cable connection:</b>	min. Cat. 5, shielded
<b>Dimensions (h × w × d):</b>	28 × 86 × 95 mm
<b>Optional extras:</b>	AFIL-USB (Induction Loop Kit) EB1A (USB output module) EB3E2A-AUD (extension module) IP Secure Connector (protective switch box) PA 25W POE-DC (power injector)

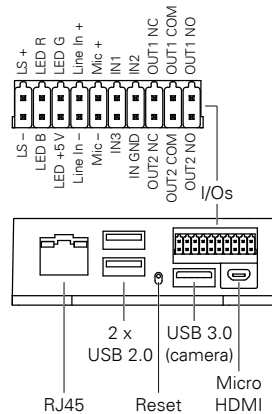
## Dimensions

Dimensions indicated in mm; not true to scale!



- 1) Mounting holes for flush mount box, ø 3 mm
- 2) Holes for wall mounting, ø 4 mm

## Connections



## COMMUNICATION SYSTEMS BY COMMEND

When every second counts, people need technology not just to work, but to work with one hundred per cent reliability - anywhere, around the clock. At Commend, we are aware of our responsibility. That's because millions of people trust the Commend brand and our products every day, whether at a London tube station, a car park in France or a hospital in the United States.

As a global market leader with more than 45 years of experience in speech transmission, we provide not just Intercom and video connections with interfaces to third-party systems, we also provide products that open up new possibilities for integrated solutions. Commend is the preferred choice for hands-free voice communication systems all over the world.



COMMEND WORLDWIDE

Would you like to learn more about our solutions?  
Simply contact your regional Commend partner.