



im6

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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

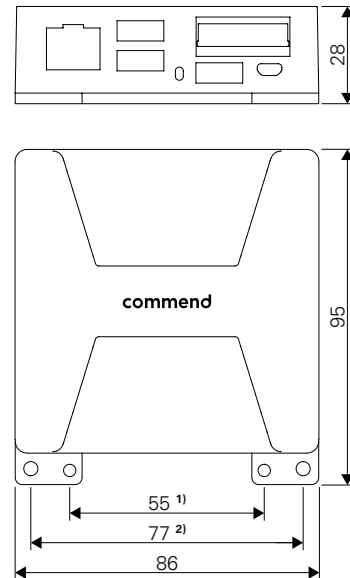
TECHNICAL SPECIFICATIONS

Technical Data

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

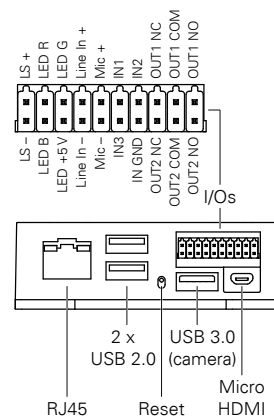
Dimensions

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.

commend.com