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<b>4E-GPIO installation and user guide</b>	Author:	DD

## 6. Technical specifications

4E-GPIO		
Inputs		
logic inputs		16 programmable monitored logic inputs, 4.7kΩ +10kΩ EOL resistors
audio		1 x balanced analogue in, line-level mono, 22kΩ input impedance, monitored
mic		5 pin proprietary interface for 4E-FMP handheld fireman microphone
Outputs		
programmable		16 x open collector output (configurable NO/NC)
system status out		2 x opto-isolated system status output EVAC (NO), FAULT (NC)
Serial port		RS-485, open protocol
Power consumption		
24V (L-Net)		max. 80mA
Audio performance		
Frequency response		100 Hz – 12 kHz
Digital audio format		24 kHz sampling, ADPCM compressed
Local network interface		
Architecture		Master-slave, up to 16 slave devices per C500 main unit
Connection		RJ-45, powered daisy chain, digital audio & control data, redundant
Cabling		X-over FTP CAT5e (or higher)
Current rating via single link		max. 500 mA (up to 8 slave devices) via L-Net port,
Max. length of L-Net link		250 m
Mechanical		
Dimensions HxWxD)		9 x 10.8 x 6.3 cm
Weight		124 g
Housing material		ABS
IP rating		IP 30
Mounting		DIN rail
Operating conditions		
Temperature		10–40°C
Relative humidity		max. 90% (non condensing)
Storage temperature		-40–70°C

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