

	ADJUSTABLE AUDIO MODULE MP-1R	ADJUSTABLE AUDIO MODULE MP-2R	ADJUSTABLE AUDIO MODULE MP-4R	AUDIO MODULE WITH DIFFERENTIAL OUTPUT MP-6D	AUDIO MODULE SM-1/PLUG	AUDIO MODULE SM-1/DC- PLUG	AUDIO MODULE DS-2FP2020 Hikvision	AUDIO MODULE HAP100 DAHUA	AUDIO MODULE HAP120 DAHUA	AUDIO MODULE HAP120V DAHUA	AUDIO MODULE SM-15/DIGITAL	ADJUSTABLE AUDIO MODULE SM-8R-PLUG	ADJUSTABLE AUDIO MODULE SM-8R	CEILING SPEAKER DS- QAE0206G1-V 6 W Hikvision	NETWORK CABINET SPEAKER DS-QAZ1110G1- B/EU 10 W Hikvision	NETWORK HORN SPEAKER DS-QAZ1307G1-E 7 W IP67 Hikvision
																
	5.23 EUR 5.23 EUR	5.79 EUR 5.79 EUR	5.54 EUR 5.54 EUR	9.88 EUR 9.88 EUR	3.13 EUR 3.13 EUR	3.50 EUR 3.50 EUR	49.68 EUR 49.68 EUR	36.84 EUR 36.84 EUR	44.60 EUR 44.60 EUR	176.44 EUR 176.44 EUR	2.67 EUR 2.67 EUR	5.83 EUR 5.83 EUR	5.40 EUR 5.40 EUR	16.73 EUR 16.73 EUR	467.52 EUR 467.52 EUR	499.52 EUR 499.52 EUR
Nominal power	...	...	...	...	...	...	...	...	...	...	...	...	...	6 W	10 W	7 W
Bandwidth	20 Hz ... 18 kHz	20 Hz ... 18 kHz	20 Hz ... 18 kHz	20 Hz ... 18 kHz	200 Hz ... 10 kHz	200 Hz ... 10 kHz	20 Hz ... 20 kHz	20 Hz ... 20 kHz	80 Hz ... 16 kHz	20 Hz ... 20 kHz	200 Hz ... 10 kHz	200 Hz ... 10 kHz	200 Hz ... 10 kHz	90 Hz ... 20 kHz	100 Hz ... 20 kHz	300 Hz ... 13 kHz
Impedance	...	...	...	...	...	...	...	...	...	...	...	...	...	8 Ω	8 Ω	8 Ω
Operation area	5 ... 150 m²	5 ... 150 m²	5 ... 150 m²	5 ... 150 m²	5 ... 150 m²	5 ... 150 m²	max. 70 m²	5 m² ... 40 m²	10 m² ... 70 m²	5 m²	5 ... 150 m²	5 ... 150 m²	5 ... 150 m²	...	...	...
Speaker sensitivity	...	...	...	...	...	...	...	...	...	...	...	...	...	90 dB ± 3 dB	90 dB	110 dB
Sound pressure level	...	...	...	...	...	...	...	...	...	...	...	...	...	98 dB SPL	98 dB SPL	121 dB SPL
Signal transmission and power sending	...	...	...	via twisted-pair cable up to 1200m (6dB attenuation)	...	...	...	...	...	...	...	...	...	...	...	...
S/N ratio	≥ 60 dB	≥ 60 dB	≥ 60 dB	≥ 60 dB	...	...	...	...	...	...	...	...	...	...	...	...
Speaker directivity	...	...	...	...	...	...	...	...	...	...	...	...	...	360 ° horizontal , 180 ° vertical	360 ° horizontal 360 ° vertical	70 ° horizontal 100 ° vertical
Audio input	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Microphone	on the cable (20 cm)	on the preamplifier PCB	...	...	...	...	...	...	...	...	...	...	...	1 pcs 100V line connector	• 1 pcs Jack 3.5 mm • 1 pcs 100V line connector	...
Audio outputs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 pcs Speaker output	...
Output impedance	600 Ω - Coaxial cable	600 Ω - Coaxial cable	...	...	600 Ω	600 Ω	600 Ω	600 Ω	600 Ω	100 Ω	600 Ω	600 Ω	600 Ω	...	...	...
Gain adjustment	1x ... 500x	1x ... 500x	1x ... 500x	...	...	...	✓	...	...	...	1x ... 500x	1x ... 500x	1x ... 500x	...	✓	✓
Current consumption	5 mA	5 mA	5 mA	10 mA	12 mA	12 mA	25 mA (typical)	≤ 100 mA, 60 mA (typical)	40 mA	60 mA	18 mA	12 mA	12 mA	...	...	...
Housing	...	...	Plastic	Metal	Heat-shrink tube	Heat-shrink tube	Plastic	Plastic	Aluminum	Aluminum	Plastic	Plastic	Plastic	Plastic (ABS) + metal mesh	Wood	Metal
Color	...	...	...	...	...	...	...	White	Silver	IP66	...	...	...	White	...	...
"Index of Protection"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Internal memory	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 GB eMMC	IP67
Cables description	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Power output	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Power supply	4 V ... 15 V DC 12 V DC (typical)	12 V DC	12 V DC	12 V DC	6 ... 12 V	6 ... 12 V	12 V DC	9 ... 15 V DC, 12 V DC (typical)	12 V DC	12 V DC	6 ... 12 V	6 ... 12 V	6 ... 12 V	...	24 V / 2.5 A	PoE (802.3at)
Power consumption	...	...	...	...	...	...	...	...	...	...	...	...	...	...	≤ 60 W	16.4 W (max)
Main features	...	...	...	...	...	...	• SNR : 60 dB • Very good sensitivity of the microphone • Digital Noise Reduction • Auto Gain Control • Sensitivity adjustment • Dynamic range : 70 dB (1kHz @ max. 1dB SPL)	• SNR : 70 dB • Very good sensitivity of the microphone • Digital Noise Reduction • Auto Gain Control • Sensitivity adjustment : 45 dB ... -20 dB • Dynamic range : 120 dB (1kHz @ max. 1dB SPL)	• SNR : 58 dB • Very good sensitivity of the microphone • Overvoltage protection • Protection against the effects of reverse polarity power connection • Dynamic range : 74 dB • Highest resilient sound pressure level : 110 dB SPL	• SNR : 58 dB • Very good sensitivity of the microphone • Overvoltage protection • Protection against the effects of reverse polarity power connection • Dynamic range : 74 dB • Highest resilient sound pressure level : 110 dB SPL	...	...	...	• Clear sound of good quality • Fast and safe installation with powerful steel spring clamp	• Microphone built-in : 2 x omnidirectional electret microphone • Very good sensitivity of the microphone • Sensitivity adjustment • Bi-directional audio streaming support • alarm input	• Microphone built-in : 2 x omnidirectional electret microphone • Very good sensitivity of the microphone • Sensitivity adjustment • Bi-directional audio streaming support • alarm input
Operation temp	...	...	...	...	...	...	-30 °C ... 70 °C	-30 °C ... 70 °C	-30 °C ... 70 °C	-30 °C ... 70 °C	-30 °C ... 70 °C	...	...	-20 °C ... 50 °C	-10 °C ... 50 °C	-30 °C ... 60 °C
Weight	0.007 kg	0.003 kg	0.01 kg	0.009 kg	0.026 kg	0.030 kg	0.070 kg	0.03 kg	0.054 kg	0.079 kg	0.05 kg	0.036 kg	0.025 kg	0.474 kg	2.5 kg	2.2 kg
Dimensions	20 x 25 x 15 mm	19 x 24 x 9 mm	50 x 24 x 20 mm	Ø 12 x 35 mm	70 x 7 mm	70 x 7 mm	Ø 78 x 26 mm	63 x 30 x 22 mm	Ø 40 x 21 mm	Ø 35 x 50 mm	Ø 78 x 35 mm	39 x 31 x 18 mm	39 x 31 x 18 mm	Ø 170 x 64 mm	278 x 180 x 158 mm	272 x 237 x 175 mm
SAP Code	...	...	...	...	...	...	304900041	...	...	...	...	...	...	327400192	327400079	327400140
Manufacturer / Brand	DELTA	DELTA	DELTA	DELTA	...	...	Hikvision	DAHUA	DAHUA	DAHUA	...	...	...	Hikvision	Hikvision	Hikvision
Guarantee	3 years	3 years	3 years	3 years	2 years	2 years	3 years	3 years	3 years	3 years	2 years	2 years	2 years	3 years	3 years	3 years

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00