



## TPP-62A0012M0A

Article number: 214176

1/2,8" HD-TVI Dome, PTZ, 12x, Day&Night,  
4.8-57.6mm, 1920x1080, WDR, IP66

### Mainfeatures

1/2.8" HD-TVI PTZ Dome with Sony CMOS-Sensor

Resolution max. 1920x1080 (Full HD)

Real time WDR (Wide Dynamic Range) 25/30fps

Auto Calibration, clear bubble, IP66

Alarm in- and outputs

12x AF Zoom, 4.8~57.6mm

HD-TVI/AHD and SD-TV signal output

Digital Noise Reduction (2DNR/3DNR)

Privacy zones, Defog function

### Specifications

Sensor size	1/2.8"
Imager	CMOS
Imager	Sony STARVIS
System	True Day&Night
Sensitivity	0,35 Lux
Sensitivity	at F1.6, 50 IRE
Low speed shutter	yes
Low speed shutter	2x ~ 8x
Manual electronic shutter (MES)	1/25~1/30000sec
Wide Dynamic Range (WDR)	WDR 120dB
Wide Dynamic Range (WDR)	Real Time WDR 25/30fps
IR cut filter	switchable
Automatic electronic shutter (ESC)	1/25~1/30000sec.
White balance	automatic, manual, indoor, outdoor, fluorescent, Incandescent

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## Specifications continued

Signal-to-noise ratio	50dB
Signal format	HD-TVI, AHD, FBAS (SDTV)
Synchronization	internal
Lens type	auto focus zoom
Zoom factor	12x
Focal length	4,8 - 57,6 mm
Digital zoom	16x
MOD (Minimum object distance)	1 m
Aperture range (F)	F2,2 ~ F2,3
Iris control	DC
Video standard	PAL/NTSC
Vertical angle of view	37,5 - 3,3 °
Horizontal angle of view	64,2 - 5,9 °
Motion detector	yes
Presets	240 presets
Auto calibration	yes
Rotation range	360 °
Speed (manual control)	380 °/Sek.
Preset speed	380 °/Sek.
OSD function control	OSD camera setup
Menu languages	English, German, French, Italian, Spanish, Polish, Portugese, Chinese
Privacy zones masking	16 zones masking, ON/OFF switchable
Mirror function	H/V flip
Digital Noise Reduction (DNR)	3D-DNR
Video outputs	FBAS (SDTV), HD-TVI / AHD selectable
External connections	alarm input/output, voltage input, remote control input
Alarm inputs	4
Alarm outputs	2
Serial interfaces	RS-485
Serial interfaces protocols	Fastrax IIE, Fastrax IIIE, Pelco D, Pelco C / TVI (UTC)
Series	eneo Minitrax, eneo Premium Class
Dimensions (HxWxD)	150x154mm
Illumination	no
Colour (housing)	Pantone Cool Gray 1C
Colour (bubble)	clear
Housing material	metal
Weight	1.6 kg
Camera type	PTZ Dome
Power consumption	12W
Blower	yes
Mounting	Wall mounting only in conjunction with related accessories, ceiling mount
Window heater	optional
Protection rating	IP66

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## Specifications continued

Supply voltage	12VDC, 24VAC
Temperature range (operation)	-20°C ~ +50°C
Text display	supplied
Vandalism resistant	yes
Certificates	IK10
Parts supplied	manual, mounting accessories, plug set

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## Available Accessories

Bild	Art. Nr. / Bezeichnung	Beschreibung
	203696 / DOME-WB2	Wall Bracket, for eneo NLD, NXD-2012xx, EDMC-3221 Dome Series
	74088 / EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC
	74149 / KBD-2	System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC
	74155 / EDMC/CWB-1	Wall or Pendant Mount Kit f. Dome Camera Series EDMC, NTD, NLD, NXD & VKCD-1375
	70449 / NE-128	Voltage supply unit 230V/24V-5A, IP66
	208238 / HAH-1000	Low Voltage Heater Kit 24V/10W for HDD-1012, NXD-2012, NLD-1422
	212984 / TVA-1201TRA	HD-TVI Transmitter+Receiver, UTP, BNC, 250m, Indoor, Active, 12V
	212985 / TVA-1201TRP	HD-TVI Transmitter/Receiver, 150m, BNC, UTP, Indoor, Passive
	212987 / TVA-1101EA	HD-TVI Signal Amplifier, 12VDC, Indoor
	213474 / NE-128B	Voltage supply unit 230V/24V-5A, Plastic housing, IP66
	214236 / TAM-4MM1001M0A	HD-TVI Converter to HDMI, VGA, FBAS, Indoor

## Your Contact Person



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