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ELMO ESD-300 Series Hi-Speed Domes STANDARD AND WIDE DYNAMIC RANGE MODELS



These PTZ domes are compact chassis-type cameras designed for surveillance range of lighting conditions.

Even high-contrast scenes can be captured without loss of detail thanks to both the Standard & Dynamic Range design. The Digital Slow Shutter and Removable IR Cut Filter in the 300DR model make the camera particularly suitable for monitoring sites at night or dark locations.

ESD-300S FEATURES

- Integrated PTZ Automatic Dome
- Auto Focus ~ Auto Iris
- High Resolution Camera (470 TVL)
- 22X Optical Zoom ~ 8X Digital Zoom
- Up to 395 Degrees/second Pan
- 180 Degree Automatic Turn-Around
- 4 Alarm Inputs
- 128 Presets ~ 4 Groups of 32
- Automatic Cruise
- Automatic Pan
- Freely Configurable Camera Module
BLC, AWB, ColorTemp Sel, Color Set-Up, etc..

ESD-300DR FEATURES

- All Features of the ESD-300S *Plus:*
- 23X Optical Zoom ~ 10X Digital Zoom
- Wide Dynamic Range Camera Module
- Digital Slow Shutter
- Sensitivity ~ 0.02 lx IR Cut Filter OFF
- Privacy Zone Masking 2 Positions

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SPECIFICATION

GENERAL FEATURE

Environment	Indoor / Outdoor
Controls	Pan / Tilt / Zoom , Sequence, Auto pan, 128 Preset Positions
Controller I/F	RS-485
Operating Temperature	0 – 40 °C
Power Source	24 VAC or 12VDC
Power Consumption	14.04 W
Dimensions	φ130X200mm
Weight	1.5kg

ROTARY BODY FEATURE

		ESD-300S	ESD-300DR
Pan Travel		360° endless	
Tilt Travel		0 - 90°	
Pan/Tilt Motion		Manual / Sequence / Cruise	
Manual Speed		1° - 150°/s	1° - 150°/s
Preset Speed	Pan	1° - 375°/s High Resolution*	1° - 375°/s High Resolution*
	Tilt	1° - 375°/s Standard*	1° - 375°/s High Resolution*

CAMERA FEATURE

	ESD-300S	ESD-300DR
Total Pixels	NTSC: 811(H)x508(V) PAL: 795(H)x596(v)	NTSC: 758(H)x504(V) PAL: 758(H)x592(V)
Effective Pixels	NTSC: 768(H)x494(V) PAL: 752(H)x582(V)	NTSC: 724(H)x494(V) PAL: 724(H)x582(V)
Scanning Area	1/4" CCD	
Synchronization	Internal / Line Lock	
Video Output	1.0Vpp/75 Ω , BNC	
Horizontal Resolution	NTSC:470 TV lines PAL:460 TV lines	470 TV lines
S/N Ratio	50dB	
Minimum Illumination	0.1 lux (30 IRE)	0 lux (30 IRE)
Focal length	4~88mm	3.6~82.8mm
Zoom ratio	22X optical zoom	23X optical zoom
Digital Zoom	X1~X8 variable	X1~X10
Zoom Speed	3.9 sec / 6.3 sec	2.9 sec / 5.8 sec
Focus Mode	Auto / Manual	
White Balance	Auto/ Manual	
Iris Control	Auto / manual	
Electronic shutter	1/2 ~ 1/30k sec. NTSC) 1/1.5 ~ 1/30k sec. (PAL)	1/2 ~ 1/30k sec. (NTSC) 1/1.5 ~ 1/30k sec. (PAL)
AGC control	Auto/ Manual	
BLC	Off/On	

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