

ISD-18X12CME



High Resolution Day & Night Speed Dome

Speed Dome

ISD-18X12CME is considered one of the smallest high speed dome camera in the world with high features, high resolution and high Zooming facility. It is been designed to full fill the security market needs which easily could be installed in a new or existed projects thanks to the multiple RS-485 (RS-422) protocol for the most famous world wide brands, having a feature of high resolution day & night capability allows the user to have enhanced picture in the night with black and white image for better night surveillance results.

Features:

- 360° Continuous Pan Rotation with speed of 240° / Sec.
- 180° Tilting with speed of 90° / Sec.
- High Sensitive 1/4" Sony Super HAD CCD
- Built in Auto Focus / Auto Iris
- 18x Optical Power Zoom Lens
- 12x Digital Zoom (260x Zoom)
- Day & ht Function with ICR (0.7 lux)
- OSD (On Screen Display)
- Multiple RS-485 (RS-422) Protocol for the most famous brands
- Alarm Input and output
- 64 Preset Position Programming
- Maximum connection up to 256 Domes



i-Lax, P O Box 19414 Metrotown RPO, BBY, BC, V5H 4J8, CANADA
www.i-laxcctv.com e-mail: i-lax@i-laxcctv.com





Specifications:

Model	ISD-18X12CMEN	ISD-48CMEP
Electronics		
Signal System	NTSC : 525 Lines	PAL : 625 lines
Scanning System	2:1 Interlace	
Scanning Frequency(H)	15.734 KHz	15.625 KHz
Scanning Frequency(V)	59.94 Hz	50 Hz
Image Sensor	1/4 Inch Interline Transfer Super HAD CCD	
Total Pixels Number	811(H) x 508 (V) 410K	795(H) x 596 (V) 470K
Effective Pixels Number	768(H) x 494 (V) 380K	752(H) x 582 (V) 440K
S/N Ratio	More Than 48dB (AGC Off)	
Resolution	Horizontal : 480 TV Lines	
Video Output Level	1.0 Vp-p (75 Ohms, Composite)	
Lens	18x Optical Zoom (F1.6, f=4.1~73.8mm) Video AF	
Digital Zoom Ratio	12x (Total Zoom Ratio : 216x), 2x ~ 10x Variable	
Zoom Speed(Optical)	4.0 Sec	
Min. Shooting Distance	1 cm (Wide) / 1 meter (Tele)	
Min. Illumination	0.1 Lux (Day&Night On),	
Camera Control OSD (On Screen Display)	Rear Button, 1.5m/35m Wire Remote Controller(Optional) On / Off	
Day&Night(ICR)	Auto/ Day / Night	
Color / Black&White	On / Off	
Focus Mode	Auto / Manual	
Shutter Speed(8 Steps)	1/60 ~ 1/10,000 Sec.	
Input / Output Connector	Control, Power : 6 Pin circle connector / Video Output : BNC	
Supplied Voltage	15VDC +/- 10%, 1.5 A, 50/60Hz (Recommendation DC12±0.5V)	
Power Consumption	Max. 22.5W / 1.50 A	
Mechanical		
Pan / Tilt Speed	0.8° ~ 240° Per Sec Pan, 0.8° ~ 90° Per Sec Tilt	
Pan / Tilt Accuracy	+/- 0.05 Preset Recalls	
Panning Rotating	Pan Travel 360° Continuous Rotation	
Tilting	Tilt Travel 0° Horizontal to 90° Down	
Dome Upper Cover	Metal Aluminum	
Dome Lower Cover	Acrylic Smoke Gray, Brown	
Mounts		
Mount Types	Wall (Recessed), Ceiling and Pendent	
Alarm		
Alarm I/O	Box – 8 inputs / 2 outputs on the RS-485 Line	
Function		
OSD	12 Characters	
Preset	64 Preset Positions	
Data Connectivity	Camera Multi -connection up to 255 via RS-485 (RS-422)	
Others		
Operating Temperature	-10° ~ + 50° C (14° ~ 122° F)	
Operating Humidity	0 ~ 85% RH non-condensing	
RS-485 (RS-422)	Built-in 6 Protocol Mode Selectable	
Weight	Approx. 2.5 Kg	

