



High Speed PTZ DSP Dome Camera

IV-SDS-750PRO



SPECIFICATION	IV-SDS-750PRO
CCD	1/4" SONY Exview HAD CCD
Optical zoom	F1.6 ~ F3.8
Focal length	f=3.4 mm (wide) to 122.4 mm (tele)
View Angle	57.8°(wide end) to 1.7°(tele end)
Min. working distance	320mm(wide end) to 1500mm(tele end)
Effective pixels(HxV)	380K pixels approx.
Scanning system	2:1 Interlace V: 59.94Hz, H: 15.734KHz
Sync system	Internal / line-lock
Video output	1Vpp composite output, 75 ohm
Horizontal resolution	560 TV lines
S/N ratio	More than 50 dB
Zoom Limit	UP TO 432X (optical 36X, digital 12X)
Focusing system	Auto(normal sensitivity / low sensitivity)
Focus	Auto (sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF
Minimum illumination	Normal mode: 0.07 lux (F1.6, 1/60(1/50)sec. ICR OFF, 10 IRE) Slow shutter mode: 0.005 lux(F1.6, 1/4(1/3)sec. ICR OFF, 10 IRE) Night mode: 0.0075 lux(F1.6, 1/60(1/50)sec. ICR ON, 10 IRE) Slow shutter mode:0.0005 lux(F1.6, 1/4(1/3)sec. ICR ON, 10 IRE)
Gain control	Auto/Manual (-3 to 28 dB, 2 dB steps)
White balance	Auto, ATW, One-push
Electric shutter	1/1 to 1/10,000sec. 22 Steps
Auto slow shutter	On/Off
AE control	Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation
EV compensation	-10.5~+10.5dB(1.5 steps)
Backlight Compensation	On / Off
Alarm / Flickless	Yes
Day/Night mode	Auto / manual
Wide dynamic	Yes. 128X
Motion detection	Yes
Mechanical Flip E-FLIP	Yes
Mirror Image	Yes
Pan range / Tilt range	360° continuous / 92°
Manual Pan Speed	0.1 - 90°/s / 0.1°/s: max dig. zoom ; 0.4°/s :max opt. zoom
Manual Pan Speed (Turbo)	150°/sec
Manual Tilt Speed	0.1 - 45°/s / 0.1°/s: max dig. zoom ; 0.4°/s :max opt. Zoom
Present Speed	Pan: 430°/sec(max); Tilt: 200°/sec (max)
Proportional P/T	Provided
Pan/Tilt Limit	user definable
Auto Flip / Zoom limit	on/off / x36,x72,x144,x288,x432
Programmable Present	256 points
Programmable Tours	4 pattern tours memorizing up to 6 mins of manual control
Privacy Zone	On / off, up to 24 zones (3D Privacy Zone)
Scan Function	Random, frame and auto-scan selectable
Alarm	6 inputs / 1 output
Present titles	Max 20 characters
Password protection	alphanumeric Dome OSD setup protection
Other superior Function	Super Fine Pan for 0.02° Accuracy / Motion Detection / Scheduling
Remote control	P/D (Also support Pelco-P/D, GE-Kalatal, Bosch, Ernitec, Tyco)
Special Commands	support absolute (X, Y, Z) position
Interface	RS485
Baud Rate	2400,4800,9600,19200 bit/s (DIP-sw selectable)
Operating temperature	-40 °C ~ 60° C (-40 °F ~ 140 °F)
Operating humidity	20% ~ 80% RH
Storage temperature	-20°C ~ 60° C (-4 °F ~ 140 °F)
Dimensions(OxH) / Weight	216.6mm X 324.0mm (H) (8.5.3" x 128") / 3800g (8.14 lbs) approx
Power requirement	AC 24V +/-10%
Power consumption	46W (max.)
Vandal proof	750KG (2205 lbs) impact resistance
Water proof/ Other	IP67 / With Heater and Blower