



PD-IRD620 Series

High Resolution IR
Dome Cameras



FEATURES:

- 1/3" SONY Super HAD II CCD
- 620TVL
- 3-Axis mount
- 2.8~11mm Vari-focal A/I lens @ F1.2
- .01 lux (color mode)/0 lux (IR LED on)
- Super Digital Noise Reduction
- OSD Adjustable Backlight / Sharpness / Sensitivity / AGC / Flickerless / Privacy Masking / Motion Detection / Mirror
- Service Video Out
- AC24V/DC12V Dual Voltage



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SPECIFICATIONS:

IMAGE PICK-UP DEVICE	1/3" Super HAD II CCD
TOTAL PIXELS	811(H) x 508(V)
EFFECTIVE PIXELS	768(H) x 494(V)
SCANNING SYSTEM	2 : 1 Interlace
SYNCHRONIZATION	Internal / Line lock
SCANNING FREQUENCY	H : 15,734KHz / V : 59.94Hz
HORIZONTAL RESOLUTION	620TV lines (Color) / 700TV lines (B/W)
MIN. ILLUMINATION	0.1ux @ F1.2 (Normal color mode) 0Lux (LED On)
S / N RATIO (Y SIGNAL)	52dB (AGC off)
VIDEO OUTPUT	VBS 1.0Vp-p / 75Ω
ZOOM RATIO	4X
FOCAL LENGTH	2.8 ~ 11.0mm (F1.2)
MAX. APERTURE RATIO	1 : 1.2 (Wide) ~ 2.2 (Tele)
MIN. OBJECT DISTANCE	0.5m (1.64ft)
ANGLE FIELD OF VIEW	Horizontal : 102°(Wide) ~ 73°(Tele) Vertical : 73°(Wide) ~ 53°(Tele)
PAN RANGE	0° ~ 360°
TILT RANGE	0° ~ 95°
ROTATE RANGE	0° ~ 360°
OSD	Built-in
CAMERA TITLE	On / Off (Camera ID : 0 ~ 255)
FLICKERLESS	On / Off
MANUAL SHUTTER	On / Off (~ 1/120Ksec)
AUTO GAIN CONTROL	On / Off (Max level setting)
DAY & NIGHT	Color / B/W / Auto / Ext (ICR)
WHITE BALANCE	ATW / Manual / Push selectable
SUPER DNR	Low / Middle / High / Off selectable
WIDE EXTENDED RANGE	Off / Low / Mid / High
SHARPNESS	Manual (0~20)
REVERSE (MIRROR)	Horizontal
MOTION DETECTION	On / Off selectable (4 Programmable zones)
PRIVACY MASKING	On / Off selectable (4 Programmable zones)
COLOR GAIN	Manual (0~20)
GAMMA CORRECTION	0.45 / 0.7 / 1.0
OPERATING TEMP/HUMIDITY	+14°F ~ +122°F / 30% ~ 80% RH
STORAGE TEMP/HUMIDITY	-4°F ~ +140°F / 20% ~ 90% RH
INPUT VOLTAGE	12V DC (±10%) / 24V AC (±20%)
POWER CONSUMPTION	Max. 6.0W (LED On)
IR LED	20 EA
DIMENSIONS	5.47" x 4.41" , 3.94" dome (139 x 112mm, Ø100mm dome)
WEIGHT	13.05oz (370g)