



Technical drawing of the camera showing dimensions and a tilting mechanism diagram.

Dimensions (mm [inches]):

- Width: $\varnothing 120.0 [4.72"]$
- Height (top section): $9.0 [0.35"]$
- Height (middle section): $39.0 [1.53"]$
- Height (bottom section): $89.4 [3.52"]$

Diagram illustrating the tilting mechanism:

- The camera is shown in a tilted position.
- Red curved arrows indicate the tilting range.
- Text: **Tilting 55° IR LED**



Specifications

VIDEO	
Image Sensor	1/3" Sony 1.3 Mega Pixel CMOS Sensor
Active Pixels	1280 (H) x 1024 (V)
Scanning System	2 : 1 Interlace
Frequency	15.734KHz (H), 59.95Hz (V)
Synchronization	Internal
Horizontal Resolution	820 TV Lines [B/W], 800 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.0 Lux
S/N Ratio	55dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
Alarm Output	1 Alarm Output
LENS	
Focal Length	2.8- 12 mm
Lens Type	Varifocal Auto Iris Lens
IR Distance	100ft Range IR
OPERATIONAL	
Shutter Speed	50(60) ~ 60,000s
Backlight	OFF / HME / BLC / WDR
Star-Light (Sense-Up)	OFF / x2 ~ x64
3D-DNR	OFF / Low / Middle / High
White Balance	ATW /AWB/ PUSH / MANUAL
Day and Night	Auto / Day / Night
Mirror/ Flip	OFF / ON
Auto Gain Control	0 ~ 20
Intelligent Motion Detection	Digital Quick Zoom
Motion Detection	4 Motion Regions
Privacy Zones	16 Programmable Privacy Masks
Enhanced Day & Night Function	LED Operation point selection, External LED ON/OFF Control
Sharpness	0 ~ 10
Gamma	0.45 ~ 0.65
De-Fog	OFF/ ON
ENVIRONMENTAL	
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	Less than 90% (Non-Condensing)
ELECTRICAL	
Power Requirement	Dual Voltage (DC12V, 24VAC)
Power Consumption	DC12V: 3.3W, 275mA, LED On: 5.94W, 495mA
	AC24V: 2.56W, 106mA, LED On: 4.9W, 204 mA
MECHANICAL	
Housing Material	Plastic
Dimensions	120 x 89.4 mm (4.72 X 3.52 in)
Weight	0.5 lbs

- 1/3" Sony 1.3M CMOS
- 820 TV Lines [B/W], 800 TV Lines [Color]
- 2.8~12mm Varifocal Auto Iris Lens
- 100ft Range IR with Intelligent Camera Sync, Smart IR
- True Day & Night with IR Cut Filter
- 3D DNR (3D Digital Noise Reduction)
- WDR (Wide Dynamic Range)
- Star-Light (Super Low Light Technology)
- HME (Highlight Masking Exposure)
- Defog (Extreme Weather Image Compensation)
- Digital Quick Zoom & 8x Digital Zoom
- 16:9 and 4:3 Viewing Modes
- AGC / BLC / AWB
- Privacy Zones (16) & Motion Detection
- Camera Control via RS-485/ UTC
- RS485, UTP, & 1 Alarm Output Built-In
- Secondary BNC Output