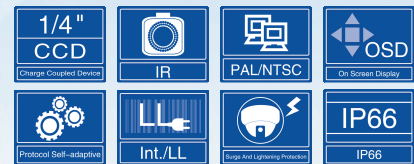


V1492IR-1 Series

Integrated High-Speed PTZ Camera System with IR Illuminators

Infinova[®]
The Integrator's Manufacturer



- Compatible with SONY camera module
- High strength aluminum-alloy casting, heat and corrosion resistant
- High-performance IR illuminators for super night vision, with an IR range of 330 ft. (100 m)
- IR illuminators automatically turned on or off as per the ambient light, also under manual control
- Integrated with INFINOVA, PELCO-P/D protocol (Autosensing) and Up-the-coax protocol
- Sets address and baud rate via software or DIP switch, up to 254 selectable addresses
- 254 presets, 6 tours, 4 patterns, 4 Auto-Pan and 1 Auto-Scan
- Home return
- Privacy mask
- Direction display
- 16 programmable zones with 16 characters each
- 360° continuous pan rotation
- Unobstructed +40° ~ -90° Vertical Tilt Range
- Window wiper, built-in heater and window defroster/defogger included
- Operational in 90 mph wind conditions, withstanding wind velocity of up to 130 mph
- IP 66 rating

V1492IR-1 series integrated high-speed PTZ camera systems with IR illuminators represent a state-of-the-art line of indoor or outdoor cameras ideal for a variety of applications. The cameras feature a powder-coated, aluminum construction, and an integrated camera sled assembly. A built-in heater, window defroster/ defogger with wiper and sun shield are standard features on the V1492IR-1 series.

With a light wavelength of 850nm, the camera's coverage distance of LED array reaches 330 ft. (100 m) for nighttime viewing, even in total darkness. Low power consumption and a unique temperature control technology ensure a long IR illuminator service life. In addition, the system employs reinforcement seals to achieve high anti-vibration, dustproof and rain-proof standards.

The integrated camera module includes an auto focusing camera and a lens. The wiper is integrated directly onto the housing without affecting the camera's field of view. In addition, the wiper can be turned on/off via program control and is easily replaced.

Use of high-strength aluminum alloy materials makes it suitable for both indoor and outdoor applications. The system has an operating temperature range of -40°F~140°F (-40°C~60°C). At a very low temperature, the built-in heater can be automatically enabled to ensure the system works normally. In addition, a built-in defroster and defogger can be enabled using the program control to address harsh conditions.

The cameras are powered by 24VAC / 24VDC / 110VAC / 230VAC.

Technical specifications

Lens	
Optic Zoom	28X, 36X
Digital Zoom	1~12X Adjustable
Aperture/ Focal Length	28X: F1.35~F3.7; f=3.5~98mm 36X: F1.6~F4.5; f=3.4~122.4mm
Angle of View	28X: 55.8° (Wide)/2.1° (Tele) 36X: 57.8° (Wide)/1.7° (Tele)
Min. Work Distance	28X: 0.01m (Wide) ~ 1.5m (Tele) 36X: 0.32 m (Wide) ~ 1.5m (Tele)
Camera	
Scanning System	2:1 Interlaced Scanning
Video Type	PAL/NTSC (D/N)
Image Sensor	28X: 1/4" Interlaced scanning CCD 36X: 1/4" Progressive scanning CCD
Effective Pixels (H×V)	PAL/440K: 752×582; NTSC/380K: 768×494
Sensitivity (28X)	Color Mode: 0.25 lux (F1.35, 50IRE) (typ.) 0.16 lux (PAL: 1/3s; NTSC:1/4s) (typ.)
	B/W Mode: 0.0015 lux (PAL: 1/3s; NTSC:1/4s) IR Mode: 0 lux
Sensitivity (36X)	Color mode: 1.4 lux (PAL: 1/50s; NTSC: 1/60s) 0.1 lux (PAL: 1/3s; NTSC: 1/4s)
	B/W mode: 0.01 lux (PAL: 1/3s; NTSC: 1/4s) IR Mode: 0 lux
S/N Ratio	>50dB
Sync System	Internal/External
Focus	Auto / Manual / M/A
Iris	Auto / Manual / M/A
Shutter Speed	Auto: Default Manual: PAL: 1/1~1/10000s; NTSC: 1/1~1/10000s
DSS	Available
Image	
Horizontal Resolution	550TVL
White Balance	AUTO/MANU/ATW/INDOOR/OUTDOOR
WDR	28X: / 36X: ON/OFF
FNR	AUTO (5-level adjustable)/OFF
EIS	ON/OFF
BLC	ON/OFF

Operational	
Decoder	INFINOVA, PELCO-P/D
Presets	254
Tours	6
Patterns	4
Auto Pan	4
Auto Scan	1
Address	1~254
Spherical Privacy Zones	24
Video Blanking Sectors	16 areas
Alarm (optional)	2 alarm input, 1 relay output
Interface	
Video Output	1.0±0.2Vp-p
Mechanical	
Variable Speed	Pan: 0.1°/s~50°/s; Tilt: 0.1°/s~18°/s
Preset Speed	Pan: 100°/s (max.); Tilt: 30°/s (max.)
Rotation Angle	Pan: 360°; Tilt: +40°~90°
Mounting	Surface, Wall, Pole Side, Corner
Physical	
Construction	High-strength aluminum alloy, stainless steel
Environmental Rating	IP66
IR LED	Wave length: 850nm; Coverage distance: 330ft (100m)
Load	Pan: 22lbs. (10kg); Tilt: 7.7lbs. (3.5kg)
Product Weight	24.25 (11kg)
Shipping Weight	31.31 lbs (14.2kg)
Box Dimension (L×W×H)	22.99"×16.81"×10.00" (584mm×427mm×254mm)
Electrical	
Power Supply	24VAC/24VDC/110VAC/230VAC
Power Consumption	144W (max.)
Heater	Thermostatically controlled, Turn on at 50°F±9°F (10°C±5°C); Turn off at 86°F±9°F (30°C±5°C)
Environmental	
Atmospheric Pressure	≤1.5MPa
Operating Temp.	-40°F~140°F (-40°C~60°C)
Storage Temp.	-40°F~140°F (-40°C~60°C)
Operating Humidity	0~95%RH (non-condensing)
Certifications and Approval	
Product Certifications	CE, LVD, FCC, ISO 9001:2008

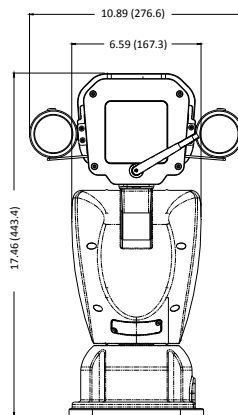
Ordering information

V1492IR-28A05-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 28X optical zoom, Day/night, NTSC, 24VDC
V1492IR-36A05-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 36X optical zoom, Day/night, NTSC, 24VDC
V1492IR-28A06-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 28X optical zoom, Day/night, NTSC, 24VAC
V1492IR-36A06-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 36X optical zoom, Day/night, NTSC, 24VAC
V1492IR-28A07-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 28X optical zoom, Day/night, NTSC, 110VAC
V1492IR-36A07-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 36X optical zoom, Day/night, NTSC, 110VAC
V1492IR-28A15-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 28X optical zoom, Day/night, PAL, 24VDC
V1492IR-36A15-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 36X optical zoom, Day/night, PAL, 24VDC
V1492IR-28A16-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 28X optical zoom, Day/night, PAL, 24VAC
V1492IR-36A16-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 36X optical zoom, Day/night, PAL, 24VAC
V1492IR-28A18-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 28X optical zoom, Day/night, PAL, 230VAC
V1492IR-36A18-1	Analog Integrated High-speed PTZ Camera System with IR Illuminators, 36X optical zoom, Day/night, PAL, 230VAC

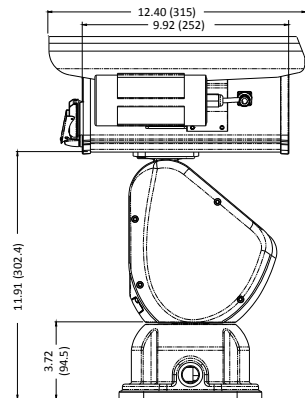
Recommended Installation Mounts

V1662-W1	Wall Mount, 15 inch
V1662-S1	Pole Side Mount, 15 inch
V1662-C1	Corner Mount, 15 inch

Dimensions



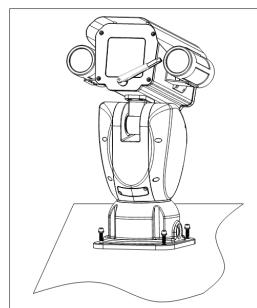
Front View



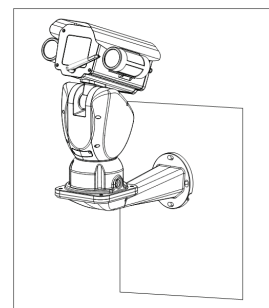
Side View

(Unit: inch, in the parentheses is mm)

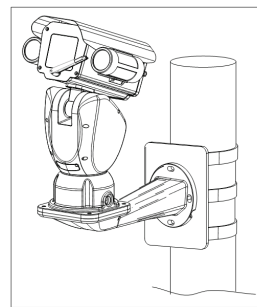
Mounting



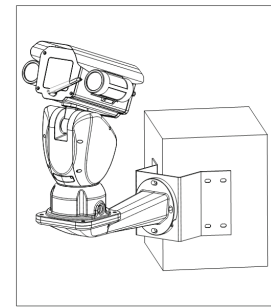
Surface Mount



Wall Mount



Pole Side Mount



Corner Mount