

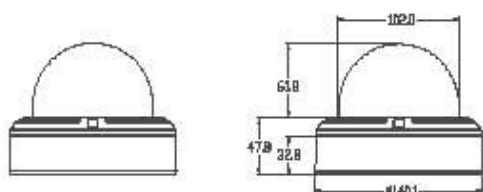
Vandal Dome V1382TIRH

Extreme cold weather camera

OMNI-PLUS™



Dimensions (Unit : mm)



Summary

The V1382TIRH Extreme Weather Vandal Resistant Dome utilizes the premier 1/3" Sony HAD CCD chip set and offers High Resolution imaging. This camera is powered by our patent-pending Omni-PLUS Technology. The Omni-PLUS series is Digital Watchdog's flagship technology which simplifies field of view adjustment. This intelligent series of cameras offers a Hybrid Lens Set that automatically focuses each camera creating crisp images of fore, mid, and background views simultaneously. The Extreme Weather model includes a built in heater that allows the camera to withstand temperatures as low as -40F/40C.

The V1382TIRH is Day and Night, Extreme Weather, Water Resistant, Dust Proof, Shock Proof and is the right choice for system integration and critical surveillance applications. This product is NEMA rated IP66 and offers a 5 Year Warranty.

Features

- 1/3" Sony super II HAD CCD
- 540 TV Line (580 TV at BW mode)
- 3X Zoom Omni Focus 2.9 ~ 8.5mm varifocal auto iris
- Easy ICON Driven OSD menu
- Simple to navigate joystick programming
- Low power consumption, MAX 1.5W
- Auto sensing 24 VAC/12 VDC with Line Lock
- Ultra Low-light Sensitivity
- Line Lock function
- Secondary Video-BNC Output for easy installation
- Zoom, Focus and OSD control by IR remote controller
- HME (Highlight Masking Exposure)
- Auto BLC (Automatic Backlight Compensation)
- SLC (Side Light Compensation)
- TDN (True Day & Night/IR cut filter)
- 70 feet range IR with Intelligent Camera Sync
- Auto Zoom on Motion Detection (programmable)
- AGC (automatic gain control)
- BLC (back light compensation)
- AWB (auto white balance)
- Mirror function
- 4 Privacy Masking Zone
- Max 64 motion detection Zones
- Operational Temperature -40°C ~ 55°C (-40°F ~ 131°F)

Mechanical

3D gimbal for easy control (360° Pan, 90° tilt)
IP 66 certified (Weatherproof)
Designed to accommodate junction box installation
Wall & ceiling mount bracket sold separately
Video test output cable included



Accessories

DWC-V1WM Wall Mount Bracket for V1, V3 housing
DWC-V1CM Ceiling Mount Bracket for V1, V3 housing
DWC-V1CNM Corner Mount Bracket for V1, V3 housing
DWC-V1JUN Junction Box for V1, V3 housing



Specifications

Model	V1382TIRH
Image sensor	1/3" Super HAD II CCD
Number of Pixels	811(H) x 506(V), 411K pixels
Pixels-Effective	758(H) x 484(V)
Scanning system	NTSC 525 lines, 2:1 interface
Horizontal resolution	540 TV Lines [Color], 580 TV Lines [BW]
Minimum illumination	IR LED on 0.0 Lux
IR distance	70 feet range
Video out	VBS 1.0Vp-p/75 ohm Load
Video SN ratio	50dB or higher (AGC off)
Lens	Varifocal Zoom
	Omni-Focus Lens [2.9 ~ 8.5mm] Motorized zoom x3
Shutter speed	1/50s up to 1/100,000s
Gamma	0.45
Synchronizing system	Internal & External line lock
OSD	HME SLC DRC BLC Day & Night AGC AWB Mirror Motion detection Privacy Zone
	ON/OFF set level 0~50 ON/OFF set level 0~50 ON/OFF BLC : ON/OFF (Area Setting) Auto-Color/BW EX/CONT ON/OFF (Gain Adjust) ATW / AWB / Fixed / Manual ON/OFF ON/OFF [6.4 Area / Sensitivity] 4 Programmable Zone / Size
Operating Temperature	-40°C ~ +55°C (-40°F ~ 131°F)
Storage Temperature	-20°C ~ +75°C
Humidity	Less than 90%
Power Requirement	12VDC / 24VAC (50Hz)
Power Consumption	Normal: DC 12[V]: 125[mA] (18 IR ON: 385[mA]) Heater on DC 12[V]: 1.4[A] (18 IR ON: 1.5[A])
Dimensions [Indoor]	134.9 x 110.3mm
Dimensions [Vandal dome]	145 x 109.6mm
Dimensions [Bullet camera]	85.4 x 217.5 mm
Nema Type	IP66
Weight (approx.)	V1382TIRH [2.4lbs]
Certification	CE, FCC, RoHS

