

# DATASHEET

## Vandal Dome : Fixed Day/Night IR | 480 TVL

**ice**



### HIGH RESOLUTION IMAGE CAPTURE

**MODEL: CAM/VDN4IR/A**

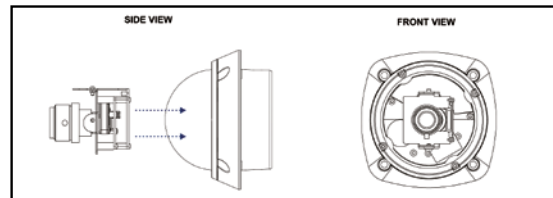
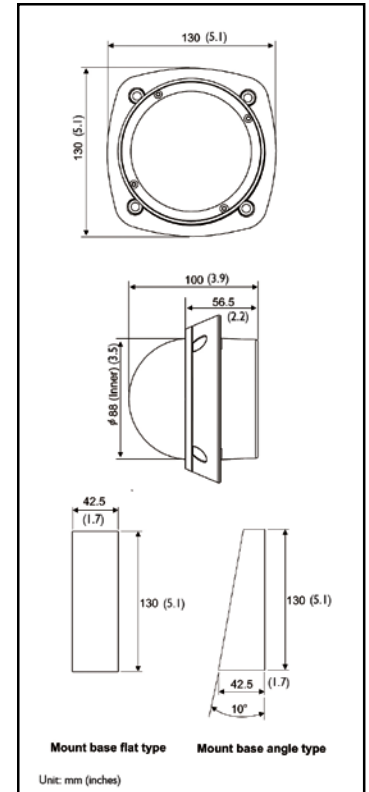
## FEATURES

- Specially designed for challenging 24-hour surveillance applications
- Day & Night mode: Color converts to B/W in low light with an IR cut filter removal (ICR) function
- 1/3" Interline Transfer Sony CCD™
- Outstanding night vision 0 lux with IR
- High impact, vandal resistant rugged dome camera
- Advanced high image quality
- Power input transient polarity protection
- 4-9mm F1.6-2.4 varifocal lens
- Interior/Exterior application (Weatherproof - IP66 Rated)
- Dual power operation 12v DC / 24v AC auto switchable
- Easy to install and configure
- 3 Year Advanced Replacement Warranty



# SPECIFICATION

CAM/VDN4IR/A (NTSC)		
Camera Features	Lens	4-9mm, F1.6-2.4 Varifocal
	Resolution	480 TVL
	Image Sensor	1/3" Interline transfer SONY CCD
	Scanning System	2:1 interlace
	Scanning Frequency	15.734KHz(H), 59.94Hz(V)
	Sync System	Internal / Line Lock
	Electronic Shutter	1/60 ~ 1/100,000 sec
	Minimum Illumination	0.8 lux (color), 0.08 lux (B/W) @ F1.2, 50 IRE 0 lux IR LED ON
	Video Output Level	BNC connector
	Signal to Noise Ratio	50dB (AGC off)
	Unit Cell Size	6.35 (H) x 508(V)
	Picture Element	811(H) x 508(V)
IR	BLC	40% Center
	IR LED	23 pcs (2 Sensor) high brightness IR LED
	IR Wavelength	850nm
	IR Range	25m~30m (from object of view reflected infrared)
Power Supply	IR Project Angle	40°
	Power Source	12v DC / 24v AC
	Power Consumption	Max 3.5 Watts / 6.85 Watts (IR ON)
Mechanical	Power Input	2-pin wire
	Video Output	BNC connector
	Lens Mount	Fixed mount
	Dimensions (DxH)	5.1" x 3.9" (130mm x 100mm)
	Weight	1.8 lbs (800g)
Environmental	Operating Temperature	14° ~ 122°F (-10°-50°C) (optional heater -22° ~ 122°F)
Warranty	3 Year Advanced Replacement	



## PRODUCT CODES\*

VANDAL DOME : FIXED DAY/NIGHT IR | 480 TVL  
VANDAL DOME WALL/CEILING MOUNT AND BRACKET  
VANDAL DOME HEATER

CAM/VDN4IR/A  
CAM/VDAB1/A  
CAM/VFDHT202V

\* SEE OUR WEBSITE FOR FULL ACCESSORIES LISTING

ACCESSORY NOTE: CAM/VDAB1/A can accommodate CAM/SDAPM/A (pole) or CAM/SDACM/A (corner) mount brackets

PLEASE CHECK THE WEBSITE OR YOUR LOCAL REPRESENTATIVE FOR PRODUCT ORDERING INFORMATION AND OTHER DEVELOPMENTS

[www.dedicatedmicrosinc.com](http://www.dedicatedmicrosinc.com)

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