

# Xtreme weather

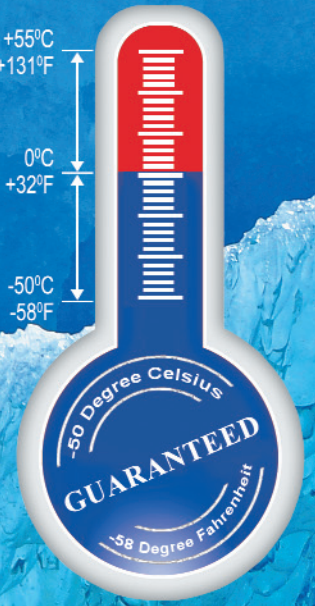
## Day & Night Camera



-50°C  
-58°F

+55°C  
+131°F

+55°C  
+131°F  
0°C  
+32°F  
-50°C  
-58°F



# WatchNET®

Integrated Digital Technologies



VD-540NDV-HT1



## Digital Day & Night Vandal Resistant Dome Camera



### Features:

- ❖ Vandal & Weather Resistant Housing (IP66)
- ❖ 0.3 Lux/F1.2 (Color), 0.002Lux (Sens-up)
- ❖ 3.8~9.5mm/1.5~3.74in Varifocal DC Auto Iris Lens (F1.3)
- ❖ Various Automatic Functions (DIP Switch Built-In)
  - ESC (Electronic Shutter Control): ON/OFF  
On: 1/60(NTSC), 1/50(PAL)~1/100,000sec.  
OFF: 1/60sec(NTSC), 1/50sec(PAL)
  - FLK (Flickerless) Mode: ON/OFF
  - BLC (Back Light Compensation) Mode: ON/OFF
  - AWB (Auto White Balance) Mode: ATW/AWB
- ❖ DC Iris Level Adjustment Volume Built-In
- ❖ Color Mode Changing Lux/Term: 15~25Lux/5sec.
- ❖ Day & Night, Electronic IRIS
- ❖ Extreme low temperature tolerance
- ❖ 540TV Lines of Horizontal Resolution
- ❖ Privacy Function
- ❖ 3Axis built-in 120mm Dome Housing
- ❖ High Sensitivity
- ❖ DNR (Digital Noise Reduction)
- ❖ Controlled by OSD Menu

### Specifications:

ITEM	NTSC	PAL		
Power Source	AC24V / DC12V	AC24V / DC12V		
	215mA(AC24V) / 250mA(DC12V)	215mA(AC24V) / 250mA(DC12V)		
CCD	Total Pixels	811(H) X 508(V)	795(H) X 596(V)	
	Effective Pixels	768(H) X 494(V)	752(H) X 582(V)	
	Size	1/3 inch interline transfer CCD		
	Scanning System	2:1 interlace		
SYNCH	Synchronization	INT/LL Selectable 0 ~ 359° (Adjustable)	INT INT/LL Selectable 0 ~ 359° (Adjustable)	INT
	Frequency	Horizontal: 15.734 KHz Vertical: 59.94Hz	Horizontal: 15.625 KHz Vertical: 50.00Hz	
	Resolution	540 TV Lines		
ELEMENT	Video Output	1.0Vp-p75 (Video 0.714Vp-p Sync 0.286Vp-p)	1.0Vp-p75 (Video 0.7Vp-p Sync 0.3Vp-p)	
	S/N (Y signal)	50dB (AGC Off)		
	Min. Illumination	0.3Lux / F1.2 (Color), 0.002Lux (Sens-up)		
	COLOR	ON / AUTO		
	Gain Control	OFF / LOW / MIDDLE / HIGH		
	White Balance	ATW / AWC / MANUAL (1,800K ~ 10,500K)		
	Electronic shutter speed	AUTO / MANUAL (1/60 ~ 1/120,000)	AUTO / MANUAL (1/50 ~ 1/120,000)	
	Sens - Up	OFF / AUTO		
	O.S.D	Built-in		
	Motion Detection	ON / OFF (4 Programmable Zone)		
DNR	OFF / LOW / MIDDLE / HIGH / (Noise Reduction)			
MIRROR	Built-in (Horizontal Image Inversion)			
Privacy Function	ON / OFF (4 Programmable Zone)			
Operating temperature/Humidity	-50°C ~ +55°C / -58°F ~ 131°F / 30 ~ 90% RH			
Weight	1,100g / 2.400lb			

All product specifications on this brochure are subject to change without notice.

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