



# WatchNET

Integrated Digital Technologies



VD-540NDV



## Digital Day & Night Vandal Resistant Dome Camera



### Features:

- ❖ Vandal & Weather Resistant Housing (IP66)
- ❖ 0.3 Lux/F1.2 (Color), 0.1Lux/F1.2(BW)
- ❖ 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
- ❖ 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	
	AC24V / DC12V	DC12V	AC24V / DC12V	DC12V
Power Source	215mA(AC24V) / 250mA(DC12V)	160mA	215mA(AC24V) / 250mA(DC12V)	160mA
C C D	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		
S Y N C	Synchronization	INT/LL Selectable 0 ~ 359° (Adjustable)	INT	INT/LL Selectable 0 ~ 359° (Adjustable)
	Frequency	Horizontal: 15.734 KHz Vertical: 59.94Hz		Horizontal: 15.625 KHz Vertical: 50.00Hz
	Resolution	540 TV Lines		
E L E C T R I C A L	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), 0.1Lux / F1.2 (B/W), 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	-30°C ~ +50°C / -22°F ~ 122°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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