



# VDPIR20TN28V10WD

700 TVL IR VANDAL PROOF OUTDOOR DOME,  
COLOR/BW-TDN, MOTION DETECTION, PRIVACY,  
BLC, AI/VF 2.8-10MM, 12VDC/24VAC

## KEY FEATURES

- High resolution upto 700TVL
- 12vdc/24vac
- DNR for low-light image quality
- High light Compensation
- 3D Noise reduction, quality is more delicate and clean
- Automatic defogging function
- Supports flipped mirror image in horizontal a vertical



This new addition to our already stacked line of IR Vandal domes is a great solution with high quality, high resolution, wide Dynamic Range and low cost. Our four IR domes offer a wide array of install options including office, school, retail, and logistical job sites.



## GENERAL SPECIFICATIONS

Horizontal resolution	700 TVL
Image Sensor	1/3 " Super HAD-II Sensor
Effective Picture Element	976 (H) x 494 (V) NTSC
Scanning Frequency	60Hz NTSC 50Hz PAL
Active Pixels	976H x 582V
Min. Illumination	0.3 Lux @F1.2 in 50 IRE,AGC ON
S/N Ratio	>50dB ( 100 IRE, F1.2 )
Video Output	Composite 75 OHM BNC Unbalanced
Power Source	12VDC -10% 24VAC -20%
Power Consumption	2.2 Watts Max
Operation Temp	-10C ~ 50C
Storage Temp	-20C ~ 60C

## FUNCTIONAL SPECIFICATIONS

Shutter control	NTSC 1/60~1/10000
Sense Up	On/Off
HLC (High-light Compensation)	On/Off
BLC (Backlight Compensation)	Full Range
AGC (Auto gain control)	44.8db
Day/Night	TDN (Auto, Color, B/W)
Auto White Balance Range	ATW/Manual/Push/Push Lock/User define
Sync System	INT
Motion Detection	4 areas (1 alarm out)
AWB Range	1800K ~ 10500K (indoor); 6500K~10500K(outdoor)
Privacy Zone	15 Selectable zones
DNR (Digital Noise Reduction)	3D DNR
DIS	Yes
Defog	On/Off
IR Optimizer	ON/OFF
IR LED Count	16PCS
IR Illumination Range	20 m
IR Illumination Wavelength	850 nm
Wide Dynamic Range(WDR)	OFF/ATR-EX/WDR

## LENS SPECS

Focal Length	2.8-10mm
F-No.	F1.2
Iris Range	F1.2 ~ F360
Minimum Object Distance	0.15m

## FIELD OF VIEW

FOV	Diag (125.0~36.0) H. (94.6~28.8) V. (68.4~21.6)
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