

# 700 TVL Indoor/Outdoor Polycarbonate Vandal Dome, Dual Voltage, WDR

## VDP20SP7W28V10 VDP20SP7W9V22



### KEY FEATURES

- 1/3" Sony Effio Advanced High Sensitivity CCD
- OSD adjustment
- Service jack for second video out for easy set-up
- Dual voltage
- Surface or flush mount
- Indoor/Outdoor use, IP66 rated
- Impact protection rating >IK10+
- 3/4" (25 mm) and 1/2" (20mm) NTP standard conduit entry points
- **VDP20SP7W28V10**: 2.8-10mm lens
- **VDP20SP7W9V22**: 9-22mm lens

Expanding on **deView's** iconic range of vandal domes, this is a product that takes analogue video to the highest level. Increasing the effective picture size to 976 x 582, and with true Wide Dynamic Range capability, these cameras give a crisp, high resolution image expected for modern day applications, no matter how challenging the lighting conditions.

Suitable for indoor and outdoor installations, the VDP20 vandal domes feature a tough polycarbonate exterior, which provides unmatched protection against the elements in addition to superior impact and scratch resistance. The domes utilise a flexible surface or flush mount configuration making installation a breeze.



### Compliance

#### Emissions

#### CE:

- EN 55022:2010/AC:2011
- EN 55011:2009/A1:2010

#### FCC:

- FCC 47 CFR Part 15 Subpart B
- ICES-003 Issue 5
- ANSI C63.4-2009

#### C-Tick:

- AS/NZS CISPR22: 2009+A1:2010

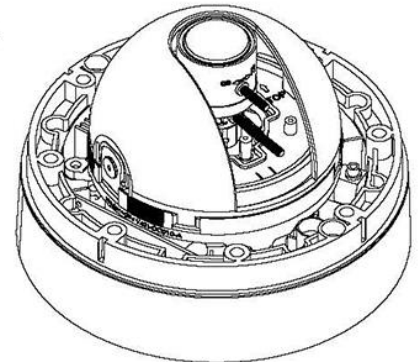
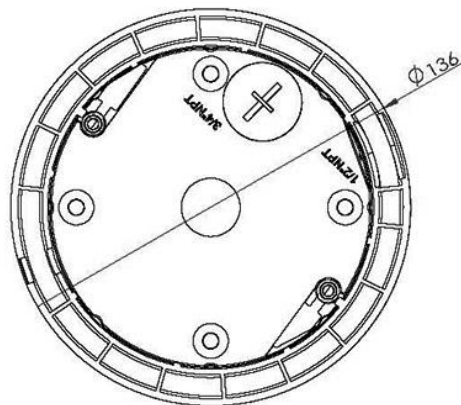
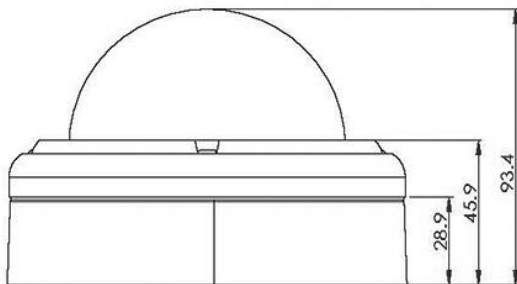
#### Immunity:

#### CE:

- EN 55024:2010
- EN50130-4:2011

# Specifications

General	2.8-10mm lens	9-22mm lens
Image Size	Sony 1/3" Super HAD-II	
Lens F value	F1.2	F1.4
Viewing angle (min / max)	H: 94.6° ~ 28.8°, V: 68.4° ~ 21.6°	H: 32.1° ~ 13.1°, V: 23.3° ~ 9.8°
Effective Picture Element	976(H)x582(V)	
Scanning Frequency	50Hz	
Operation Temperature	-10°C~+50°C	
Storage Temperature	-20°C~+60°C	
AC power supply	24v ± 20%	
DC power supply	12v ± 10%	
Output Terminal	1.0 Vpp 75 Ohm BNC Unbalance	
Input Terminal	DC Jack with fly lead attached	
Power Consumption	Normal:2.2W	
Lens	Auto IRIS Lens	
Housing colour	RAL9010	
Housing material	Polycarbonate	
IP Rating	IP66	
F correction for tinted bubble	48.5%~50%	
Weight	530g	
<b>Functional Specification</b>		
Exposure Control	Gain Control, Shutter Control, Wide Dynamic, Manual	
Electrical Shutter	1/50 - 1/10000	
Slower Shutter(Sense Up)	Auto	
Shutter Speed	1/50~1/10000	
Shutter Control(MES)	X256, X128 ,X64, X32, X16,X8, X4, X2 ,1/50 (1/60), 1/120 (1/100), 1/250, 1/500, 1/1K, 1/2K, 1/4K, 1/10K	
Adaptive Tone Reproduction(ATR)	OFF / LOW / MID / HIGH	
Highlight Compensation(HLC)	ON/OFF	
Backlight Compensation(BLC)	Full Range	
AGC Gain Control	44.8 dB	
Day/Night Control	SDN(AUTO ,COLOR ,NIGHT)	
White Balance	ATW / Manual / Push / Push Lock / USER1,2	
Auto White Balance Range(AWB)	Indoor: 1800K~10500K Outdoor: 6500K~10500K	
Wide Dynamic Range(ATR)	OFF /ATR-EX/WDR	
SYNC System	INT/LL	
AGC Control	Auto/Manual	
Colour Rolling Suppression	On/Off	
Defog	On/Off	
Digital Image Stabilizer	On/Off	
Digital Zoom	255X Max	
Motion Detection	4 Areas	
Privacy Zone	Up to 15 masks	
Blemish Compensation	Static(64 points) &Dynamic	
DIS	On/Off	
Digital Noise Reduction	3D-NR	
2nd Video Output	Yes	
OSD LANGUAGE	English, Japanese , Deutsch , French, Russian, Spanish, Portuguese and Simplified Chinese	
<b>Video</b>		
Resolution	700 TVL	
Minimum Illumination	0.3Lux(F1.2,50IRE, AGC ON)	
Video Output	Composite Output	
S/N Ratio	>48dB	
White Clip	115IRE+/-5	
Pedestal Level	2.5IRE+/-2.5	
SYNC Level	42 IRE +/-2	
Burst Level	42 IRE +/-2	
H Aperture	10 IRE (r 0.45 100IRE, Video output)	
V Aperture	10 IRE (r 0.45 100IRE, Video output)	
Gamma Compensation	0.45	



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