



## XTREME-8D-21IR Series

700TVL WDR Outdoor Dome 30M IR  
w/ 2.8 ~ 12mm varifocal lens

- 700TVL Color / 750TVL B/W
- 1/3" Progressive Scan CCD
- 2.8 ~ 12mm Varifocal
- DWDR /3DNR/Day/Night
- DC 12V / AC 24V



### SPECIFICATIONS

#### Optical Camera

Signal System	NTSC/PAL
Imaging Device	1/3" Dual Scan Sony HAD II Color CCD
Resolution	Color: 700 TVL B&W: 750 TVL
Effective Pixels	NTSC: 976 x 494 PAL: 976 x 582
Lens	2.8 ~ 12 mm varifocal
Field of View (H)	2.8 ~ 11 mm varifocal
Field of View (V)	18.6 ~ 65°
Min. Illumination	0.1 Lux @ F1.2 (B&W sense-up off), 0.0002 lux @ F1.2 (sense-up x512), 0 lux (IR on)
Day Night Type	√
Wide Dynamic Range	√
Video Out	1Vp-p, 75 Ohm, BNC (Composite Video Signal)
Scanning System	2:1 interlaced
Scanning Frequency	NTSC: 60 field/sec PAL: 50 field/sec
Electronic Shutter	NTSC: Auto, 1/60 ~ 1/10,000 s PAL: Auto, 1/50 ~ 1/10,000 s
Signal-to-Noise Ratio	≥ 52 dB
Synchronization	Internal

#### Illuminator

Effective Range	100 ft (30 m)
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#### Additional Features

Noise Reduction	Intelligent DNR (2D + 3D)
Back Light Compensation	√
Auto White Balance	√
On-Screen Display	√
Spot Monitor Out	√
Angle Adjust	Pan: 0 ~ 360°, tilt: 0 ~ 75°, rotation: 0 ~ 360°



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Mounting	Flush/Surface
Additional Features	Privacy Masking Camera ID Digital Zoom Mirror Function Motion Detection Digital Image Stabilization Highlight Compensation (HLC)
<b>Environment</b>	
Operating Environment	Indoor/Outdoor
Ingress Protection	IP66
Heater	√
Storage Temperature	-4 ~ 140° F (-20 ~ 60° C)
Operating Temperature	-4 ~ 122° F (-20 ~ 50° C)
Operating Humidity	≤ 95% RH non-condensing
<b>Electrical</b>	
Input Voltage	Dual Power (AC 24V / DC 12V)
Current Draw	584 mA @ 12 VDC (max)
Power Consumption	1.8 W (IR off), 7 W (IR on)
<b>General</b>	
Material	Aluminum/Zinc housing Polycarbonate bubble
Finish	Light Gray
Dimensions	5.51" x 4.72" (140 x 120 mm)
Regulatory Type	CE, FCC, UL
Optional Accessories	CAM-BKT-DOM-SGN
Warranty	5 Years

### AVAILABLE MODELS

Part number	Description
XTREME-8D-21IR-WDRH	[NTSC] 700/750 TVL Color IR Vandal Dome Camera, Heater, WDR, 2.8-12mm Lens
XTREME-8D-21IR-WDRHP	[PAL] 700/750 TVL Color IR Vandal Dome Camera, Heater, WDR, 2.8-12mm Lens

