



## UVD-6130VE-2-P

UltraView™ 650TVL WDR Outdoor Rugged Dome

### Introduction

The UltraView™ 650TVL WDR outdoor rugged dome camera is a video surveillance camera, which provides a crisp 650TVL high resolution and excellent 0.01 lux sensitivity.

Using the latest CCD sensors and DSP technology, the UltraView™ WDR Cam offers both 650TVL resolution and 0.01 lux low light sensitivity in one package.

Based on dual shutter Wide Dynamic Range technology, the camera can acquire natural images with fewer blown-out highlights and hidden shadows under the most difficult lighting conditions. Its Adaptive Tone Reproduction –EX (ATR-EX) function utilizes a single shutter exposure frame with precise calculations y leveraging the camera's a powerful DSP.

The UltraView™ 650TVL WDR outdoor rugged dome camera is designed for most indoor and outdoor circumstance with its advantages of high resolution and well-balanced spectral sensitivity, without compromising saturation and color accuracy.

The IR cut filter along with intelligent algorithms optimize the Day/Night switch performance and eliminate annoying back-and-forth cycles under challenging lighting conditions.

The camera is designed for both indoor and outdoor applications with its 3-axis gimbal bracket, removable IR-cut filter, varifocal lens, weatherproof, vandal-resistant rugged enclosure, and extended cold-start operating temperature down to -30oC.

A variety of UltraView dome mounts are available to install the camera to meet the needs of the installation.



### Standard Features

- 650TVL WDR Outdoor Rugged Dome
- 1/3" Super HAD CCD II
- 0.5 lux @ F1.2 (50IRE)
- 2.8-10mm varifocal lens
- WDR, ATR, 2DNR, 3DNR, HLC
- True Day/Night
- Motorized IR Cut Filter
- 24 VAC / 12 VDC
- Vandal resistant
- Outdoor IP66 rated

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## Specifications

Camera	
Sensor Size:	1/3
Sensor Scan:	Interlaced
Sensor Type:	Super HAD CCD II / SONY
DSP:	Effio P / SONY
Total pixels (H x V):	NTSC:1020(H) x 508(V) / PAL:1028(H) x 596(V)
Effective pixels (H x V):	NTSC:976 (H) x 494(V) / PAL:976 (H) x 582(V)
Resolution (color):	650TVL
Resolution (B&W):	660TVL
Synchronization system:	Internal
Electronic shutter:	Auto 1/60 (1/50) ~1/100,000 sec
Digital S/N ratio:	52dB (AGC Off)
Video signal:	1.0 Vp-p / 75 ohm composite
Certification:	FCC,CE

Lighting performance	
Wide Dynamic Range:	ATR+WDR
WDR in dB:	112
Digital Noise reduction:	2DNR + 3DNR
Highlight compensation (HLC):	Yes
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.55 lux@F1.2 (50IRE)
B/W sensitivity:	0.5 lux@F1.2 (50IRE)

Housing	
Camera type:	Dome
IP rating:	IP66
Outdoor:	Yes
Rugged:	Yes
Vandal proof:	Yes

Lens	
Control type:	DC
Varifocal:	Yes
Focal length:	2.8-10mm
F-stop:	F1.2
Autoiris:	Yes

Power consumption	
PSU included:	No
Voltage Input:	12VDC / 24VAC
Current:	450mA (Heater on)
Power Consumption:	10.6W (Heater on)

Camera analytics	
Motion Detection:	Yes
Privacy Masking:	Yes

Alarm	
Alarm Input:	No
Alarm Output:	No

Mechanical / Environmental	
Dimensions:	133 x 105 mm (5.2 x 4.1 in.)
Weight:	1130 g (2.49 lb.)
Operating Temperature:	-30 to 50°C (22 to 122°F)
Storage Temperature:	-20 to 70°C (-4 to 158°F)

## Ordering Information

Part No.	Description
UVD-6130VE-2-P	UltraView™ 650TVL WDR Outdoor Rugged Dome

