



Bullet



Vandal



Indoor



***Infinity960H Cameras***  
***960 Horizontal Pixels. Seeing is believing.***

## VMAX960H DVR

For a complete security package, combine the 960H Camera technology with our VMAX960H, a recording solution that will not lose a single detail; from live and record, to playback.



## 960H Resolution

960 Horizontal Pixels is the highest analog resolution available today. Using existing installation and cabling, Digital Watchdog's Cameras offer visibly clearer and extremely detailed image. Seeing is believing.



## HME (Highlight Masking Exposure)

The HME technology detects and masks any strong spots of light to produce a clear image of any environment. HME is particularly effective for reading license plates of cars in streets or parking lots at night.



## 3D-DNR (Digital Noise Reduction)

The 3D-DNR technology provides clearer images using unique algorithms designed to reduce video noise. It cleans electronic noise signals that reduce the clarity of the image and effect motion detection settings with various recording technology.



## Powerful Electronic Wide Dynamic Range

Enables the camera to capture clear images in the same frame, even when there are both very bright and very dark areas in the same field.



## Day & Night

When light diminishes below a certain level, the camera will automatically switch to night mode, providing high quality black-and-white video images.

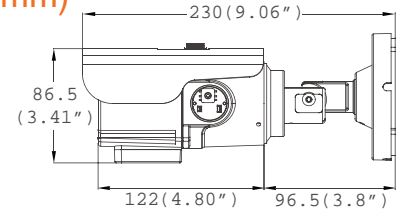


# INFINITY 960H Bullet Camera B1567WD/TIR



- 960H CCD Image Sensor (960 Horizontal Pixels)
- 700 TV Lines [B/W], 650 TV Lines [Color]
- 3.3~12mm Varifocal Auto Iris Lens
- 100ft Range IR [B1567WTIR Only]
- TDN (True Day and Night/TDN5) [B1567WTIR Only]
- EWDR (Electronic Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- Star-Light (Super Low Light Technology)
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones (6) & Motion Detection
- AGC / BLC / AWB
- Easy Icon Driven OSD Menu with Built-in Joystick
- IP66 Certified (Weatherproof)
- No Fog or Condensation under Any Weather Condition
- Auto Sensing 24VAC/12VDC with Line Lock
- Secondary Video-BNC Output

## Dimensions (unit : mm)



## Specifications

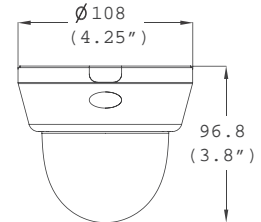
VIDEO	
Image Sensor	960H CCD
Total Pixels	1020 (H) x 507 (V), 520K Pixels
Scanning System	2:1 Interlace
Frequency	15.734KHz (H), 59.95Hz (V)
Synchronization	Internal or Line Lock
Horizontal Resolution	700 TV Lines [B/W], 650 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.3 Lux [Color] F1.2 (30IRE): 0.0 Lux [B/W]
S/N Ratio	50dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	3.3-12mm, DC Auto Iris
IR Distance	100ft Range IR [B1567WTIR Only]
OPERATIONAL	
Shutter Speed	MANUAL / 1/60s-1/100000s
Backlight Compensation	OFF / BLC / HME / EWDR
AGC	OFF / LOW / MID / HIGH
Star-Light	OFF / X2-X256
3D-DNR	OFF / LOW / MID / HIGH
White Balance	AWC / ATW / MANUAL / PUSH
Day and Night	AUTO / COLOR / BW
Privacy Zones	OFF / ON (6 Programmable Zones)
ENVIRONMENTAL	
IP Rating	IP66 (Protects against dust and high pressure water.)

# INFINITY 960H SnapIt Indoor D4567WD/TIR



- 960H CCD Image Sensor (960 Horizontal Pixels)
- 700 TV Lines [B/W], 650 TV Lines [Color]
- 3.3~12mm Varifocal Auto Iris Lens
- 70ft Range IR with Intelligent Camera Sync, Smart IR
- TDN (True Day and Night/IR Cut Filter)
- EWDR (Electronic Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- Star-Light (Super Low Light Technology)
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones (6) & Motion Detection
- AGC / BLC / AWB
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 24VAC/12VDC with Line Lock
- Secondary Video-BNC Output

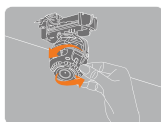
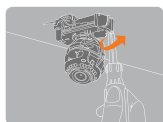
## Dimensions (unit : mm)



## Specifications

VIDEO	
Image Sensor	960H CCD
Total Pixels	1020 (H) x 507 (V), 520K Pixels
Scanning System	2:1 Interlace
Frequency	15.734KHz (H), 59.95Hz (V)
Synchronization	Internal or Line Lock
Horizontal Resolution	700 TV Lines [B/W], 650 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.3 Lux [Color] F1.2 (30IRE): 0.0 Lux [B/W]
S/N Ratio	50dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	3.3-12mm, DC Auto Iris
IR Distance	70ft Range IR [D4567WTIR Only]
OPERATIONAL	
Shutter Speed	MANUAL / 1/60s-1/100000s
Backlight Compensation	OFF / BLC / HME / EWDR
AGC	OFF / LOW / MID / HIGH
Star-Light	OFF / X2-X256
3D-DNR	OFF / LOW / MID / HIGH
White Balance	AWC / ATW / MANUAL / PUSH
Day and Night	AUTO / COLOR / BW
Privacy Zones	OFF / ON (6 Programmable Zones)

### SnapIt Easy Installation



1 Two Screw Installation

2 Adjustment

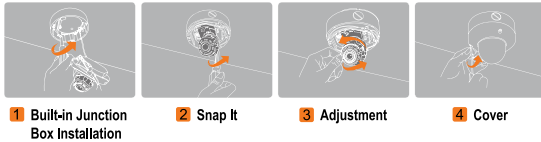
3 Snap It

960H INFINITY & VALUE CAMERAS

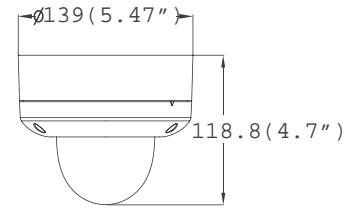


- 960H CCD Image Sensor (960 Horizontal Pixels)
- 700 TV Lines [B/W], 650 TV Lines [Color]
- 3.3~12mm Varifocal Auto Iris Lens
- 70ft Range IR with Intelligent Camera Sync, Smart IR
- TDN (True Day and Night/IR Cut Filter)
- EWDR (Electronic Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- Star-Light (Super Low Light Technology)
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones (6) & Motion Detection
- AGC / BLC / AWB
- Easy Icon Driven OSD Menu with Built-in Joystick
- IP68 Certified (Waterproof)
- Junction Box Built-in
- Auto Sensing 24VAC/12VDC with Line Lock
- Secondary Video-BNC Output

### SnapIt Easy Installation



## Dimensions (unit : mm)



## Specifications

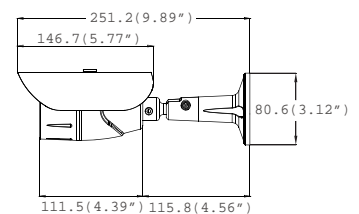
VIDEO	
Image Sensor	960H CCD
Total Pixels	1020 (H) x 507 (V), 520K Pixels
Scanning System	2 : 1 Interlace
Frequency	15.734KHz (H), 59.95Hz (V)
Synchronization	Internal or Line Lock
Horizontal Resolution	700 TV Lines [B/W], 650 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.3 Lux [Color] F1.2 (30IRE): 0.0 Lux [B/W]
S/N Ratio	50dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	3.3-12mm, DC Auto Iris
IR Distance	70ft Range IR [V4567WTIR Only]
OPERATIONAL	
Shutter Speed	MANUAL / 1/60s-1/100000s
Backlight Compensation	OFF / BLC / HME / EWDR
AGC	OFF / LOW / MID / HIGH
Star-Light	OFF / X2-X256
3D-DNR	OFF / LOW / MID / HIGH
White Balance	AWC / ATW / MANUAL / PUSH
Day and Night	AUTO / COLOR / BW
Privacy Zones	OFF / ON (6 Programmable Zones)
ENVIRONMENTAL	
IP Rating	IP68 (Waterproof)

# Value 960H Bullet Camera B562DIR



- 960H CCD Image Sensor (960 Horizontal Pixels)
- 700 TV Lines [B/W], 650 TV Lines [Color]
- 3.3-12mm Varifocal Auto Iris Lens
- Electronic Day and Night
- 85ft Range IR with Intelligent Camera Sync, Smart IR
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones (8) & Motion Detection
- AGC (Auto Gain Control)
- BLC (Back Light Compensation)
- AWB (Auto White Balance)
- Easy Icon Driven OSD Menu with Built-in Joystick
- IP66 Certified (Weatherproof)
- No Fog or Condensation under Any Weather Condition
- Secondary Video-BNC Output

## Dimensions (unit : mm)



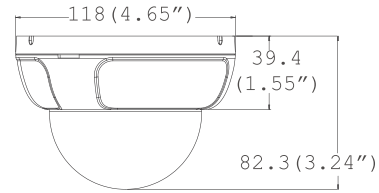
## Specifications

VIDEO	
Image Sensor	960H CCD
Total Pixels	1020 (H) x 507 (V), 520K Pixels
Frequency	15.734KHz (H), 59.95Hz (V)
Horizontal Resolution	700 TV Lines [B/W], 650 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.3 Lux [Color] F1.2 (30IRE): 0.0 Lux [B/W]
S/N Ratio	50dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	3.3-12mm, DC Auto Iris
IR Distance	85ft Range IR
OPERATIONAL	
Back Light Compensation	OFF, BLC, HME, DIGITAL WDR
Auto Gain Control	OFF, LOW, MID, HIGH, HIGHEST
White Balance	AWC, ATW, MANUAL, PUSH
Color Mode	NORMAL, COOL, WARM
Side Light Compensation	OFF, ON (000-030)
Night Up	OFF, ON
Dead Pixel Cancellation	OFF, AUTO
ENVIRONMENTAL	
IP Rating	IP66 (Protects against dust and high pressure water.)

# Value 960H Indoor Dome Camera D562D/DIR



## Dimensions (unit : mm)



## Specifications

VIDEO	
Image Sensor	960H CCD
Total Pixels	1020 (H) x 507 (V), 520K Pixels
Frequency	15.734KHz (H), 59.95Hz (V)
Horizontal Resolution	700 TV Lines [B/W], 650 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.3 Lux [Color] F1.2 (30IRE): 0.0 Lux [B/W]
S/N Ratio	50dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	3.3-12mm, DC Auto Iris
IR Distance	85ft Range IR
OPERATIONAL	
Back Light Compensation	OFF, BLC, HME, DIGITAL WDR
Auto Gain Control	OFF, LOW, MID, HIGH, HIGHEST
White Balance	AWC, ATW, MANUAL, PUSH
Color Mode	NORMAL, COOL, WARM
Side Light Compensation	OFF, ON (000-030)
Night Up	OFF, ON
Dead Pixel Cancellation	OFF, AUTO
ENVIRONMENTAL	
IP Rating	IP66 (Protects against dust and high pressure water.)

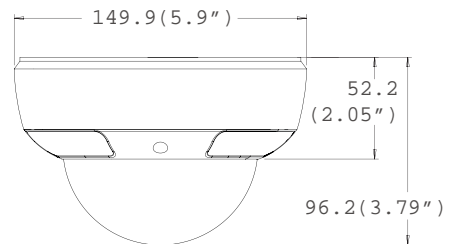


- 960H CCD Image Sensor (960 Horizontal Pixels)
- 700 TV Lines [B/W], 650 TV Lines [Color]
- 2.8~11mm Varifocal Auto Iris Lens
- Electronic Day and Night
- 85ft Range Smart IR [D2562DIR Only]
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones (8) & Motion Detection
- AGC (Auto Gain Control)
- BLC (Back Light Compensation)
- AWB (Auto White Balance)
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 24VAC/12VDC
- Secondary Video-BNC Output

# Value 960H Outdoor Vandal Dome Camera V562D/DIR



## Dimensions (unit : mm)



## Specifications

VIDEO	
Image Sensor	960H CCD
Total Pixels	1020 (H) x 507 (V), 520K Pixels
Frequency	15.734KHz (H), 59.95Hz (V)
Horizontal Resolution	700 TV Lines [B/W], 650 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.3 Lux [Color] F1.2 (30IRE): 0.0 Lux [B/W]
S/N Ratio	50dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	3.3-12mm, DC Auto Iris
IR Distance	85ft Range IR
OPERATIONAL	
Back Light Compensation	OFF, BLC, HME, DIGITAL WDR
Auto Gain Control	OFF, LOW, MID, HIGH, HIGHEST
White Balance	AWC, ATW, MANUAL, PUSH
Color Mode	NORMAL, COOL, WARM
Side Light Compensation	OFF, ON (000-030)
Night Up	OFF, ON
Dead Pixel Cancellation	OFF, AUTO
ENVIRONMENTAL	
IP Rating	IP66 (Protects against dust and high pressure water.)



- 960H CCD Image Sensor (960 Horizontal Pixels)
- 700 TV Lines [B/W], 650 TV Lines [Color]
- 2.8~11mm Varifocal Auto Iris Lens
- Electronic Day and Night
- 85ft Range IR with Intelligent Camera Sync, Smart IR
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones (8) & Motion Detection
- AGC (Auto Gain Control)
- BLC (Back Light Compensation)
- AWB (Auto White Balance)
- Easy Icon Driven OSD Menu with Built-in Joystick
- IP66 Certified (Weatherproof)
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960H INFINITY & VALUE CAMERAS

# INFINITY 960H Series Comparison Chart



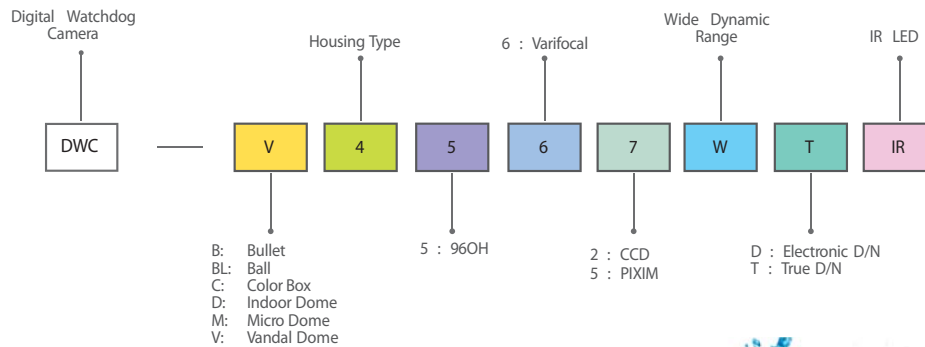
Image Sensor: 960HCCD Image Sensor 700TV Lines [B/W], 650TV Lines [Color]

	Model #	Snaptit	Lens	Vandal	IR	Day/ Night	EWDR	3D-DNR
Infinity 960H	B1567WD	x	3.3 ~ 12mm	IP66	x	Electronic	o	o
	B1567WTIR	x	3.3 ~ 12mm	IP66	100ft	TDN	o	o
	D4567WD	o	3.3 ~ 12mm	x	x	Electronic	o	o
	D4567WTIR	o	3.3 ~ 12mm	x	70ft	TDN	o	o
	V4567WD	o	3.3 ~ 12mm	IP68	x	Electronic	o	o
	V4567WTIR	o	3.3 ~ 12mm	IP68	70ft	TDN	o	o
Value 960H	B1562DIR	x	3.3 ~ 12mm	IP66	85ft	Electronic	x	x
	D562D	x	2.8 ~ 11mm	x	x	Electronic	x	x
	D562DIR	x	2.8 ~ 11mm	x	85ft	Electronic	x	x
	V562D	x	2.8 ~ 11mm	IP66	x	Electronic	x	x
	V562DIR	x	2.8 ~ 11mm	IP66	85ft	Electronic	x	x

o = Included  
x = Not Available

**Note:** The Value Line camera's housing type number has been omitted from the part number for simplicity.

## 960H Camera Models



## New "SNAP IT" Camera Series Technology

Our new simple to install housing series combined with our reliable camera technology gives you a high quality camera in just a few minutes. All Snapit housings include both a built-in UTP and RS-485. Our Snapit vandal dome cameras also have a built-in junction box and is IP68 certified. Submerge the camera in water, and it will still work properly!