



DWC-V7753TIR



## Summary

Groundbreaking STAR-LIGHT AHD™ High Definition Cameras use existing coaxial cables to transmit crystal-clear detailed 1080p images. The cameras offer 2.1MP resolution along with powerful features such as Digital Wide Dynamic Range (DWDR) and True Day/Night with Mechanical IR Cut Filter. The STAR-LIGHT AHD cameras are engineered to work with VMAX AHD DVRs, offering an easy upgrade from analog to high definition surveillance using existing infrastructure for a cost-effective, high resolution surveillance solution.

## Features

- Analog High Definition (AHD) HD over Coax Technology
- STAR-LIGHT™ Super Low Light Technology
- 1/2.7" CMOS Sensor
- 1080P Resolution at 30fps
- Digital Wide Dynamic Range (DWDR)
- Fixed Lens 3.6mm
- Smart IR™ with Intelligent Camera Sync. 50ft Range
- Smart DNR™ 3D Digital Noise Reduction
- Highlight Masking Exposure (HME)
- True Day/Night Mechanical IR Cut Filter
- Secondary Video-BNC Output
- OSD Control via Coax Cable using UTC
- Programmable Privacy Zones
- Auto Gain Control (AGC)
- Back Light Compensation (BLC)
- Dynamic Range Compressor (DRC) Reveals Low Light Detail
- Auto White Balance (AWB)
- IP67 Certified (Weather Resistant)

## Accessories (Optional)



DWC-V1MW  
Wall Mount for V1,  
V3, V5 & V6 Outdoor  
Dome Cameras



DWC-V1JUNC  
Junction Box for V1,  
V3, V5 & V6 Outdoor  
Dome Cameras

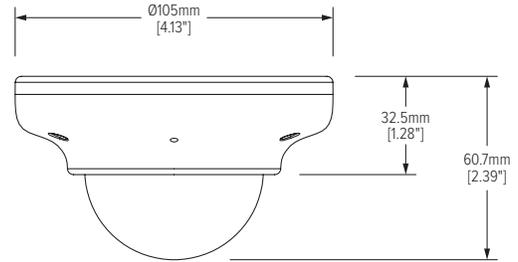


DWC-V1CNM  
Corner Mount for V1,  
V3, V5 & V6 Outdoor  
Dome Cameras



DWC-V1CM  
Pendant Mount for V1,  
V3, V5 & V6 Outdoor  
Dome Cameras

## Dimensions (unit : mm [inch])



## Specifications

IMAGE	
Image Sensor	1/2.7" CMOS Sensor
Active Pixels	1920(H) x 1080(V)
Scanning System	Progressive scan
Frequency	60Hz/50Hz
Signal Technology	2.0 Megapixel AHD
Synchronization	Internal
Resolution	1920x1080 (1080p)
Minimum Scene Illumination	F1.4 (30IRE): 1.0Lux [Color] F1.4 (30IRE): 0 Lux [B&W]
S/N Ratio	55dB
Video Output	AHD 1080p30fps/720p60fps/720p30fps
LENS	
Focal Length	3.6mm
Lens Type	Fixed
IR Distance	50ft
OPERATIONAL	
Shutter Speed	1/30(25)-1/30,000
Backlight	Off/ On
STAR-LIGHT (Sense-up)	OFF, x2 -x32
Wide Dynamic Range (WDR)	Off/ On
Digital Noise Reduction	Off, Low, Middle, High
White Balance	Auto / Auto-Ex/ Preset / Manual
Day and Night	Day/ Night/ Auto
Mirror/ Flip	Yes
Auto Gain Control	Max 60dB
Motion Detection	Yes
Privacy Zones	4 Privacy Zones
Sharpness	0 ~ 10
Gamma	0.45 ~ 0.75
Digital Zoom	x1.0 ~ x16.0
ENVIRONMENTAL	
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Humidity	than 90% (Non-Condensing)
IP Rating	IP67 (Weather and Dust Resistant)
Other Certifications	FCC, CE, ROHS
ELECTRICAL	
Power Requirements	DC 12V
Power Consumption	LED Off: 3.06W, 255mA LED On: 3.12W, 309mA
MECHANICAL	
Material	Aluminum
Dimensions	105 x 60.7mm (4.13 x 2.38 in)
Weight	0.95lbs

\*Specifications subject to change without notice.