



**HD COAX™**

**2.1**

Megapixel Analog & HD Coax™



4.7~94mm  
Zoom Lens



Optical Zoom



0-360° Endless Pan



IP66 Rated

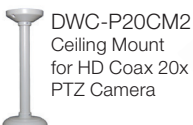
## Summary

The STAR-LIGHT™ HD COAX 20x PTZ Camera uses existing coaxial cables to transmit HD-Analog, HD-TVI crystal-clear 1080p and analog 720x480 images in any lighting conditions and increase system ROI. The camera features 20x optical zoom and 16x digital zoom, 0~360° endless pan in an IP66 weather resistant dome housing. A wall mount and ceiling mount are available, sold separately and necessary to complete the camera's installation.

## Features

- HD over Coax™ Technology with HD-Analog / HD-TVI Signal Support
- Analog CVBS Output (720x480)
- 1/2.8" SONY STARVIS CMOS Sensor
- 2.1MP, 1080p Resolution at 30fps
- STAR-LIGHT™ Super Low Light Technology
- 4.7 ~ 94mm Remote Auto Focus Lens
- 20x Optical Zoom + 16x Digital Zoom
- OSD Control Via Coaxial (UTC)
- Wide Dynamic Range (WDR)
- Smart DNR™ 3D Digital Noise Reduction
- True Day/Night with Mechanical IR Cut Filter
- Pan 0~360° Endless, 380° Per Second Pan Speed
- Vector Drive Technology - Pan/Tilt Motion in Shortest Path
- 240 Preset Positions, 8 Patterns, 8 Tours
- Alarm Sensor Input
- Relay Output
- Auto Sensing 24VAC/12VDC with Line Lock
- Programmable Privacy Zones (16 Masks)
- Motion Detection
- Auto Gain Control (AGC)
- Backlight Compensation (BLC)
- Auto White Balance (AWB)
- RS-485 Built-in
- IP66 Certified (Weather Resistant)

## Accessories (Optional. Sold Separately.)



DWC-P20CM2  
Ceiling Mount  
for HD Coax 20x  
PTZ Camera



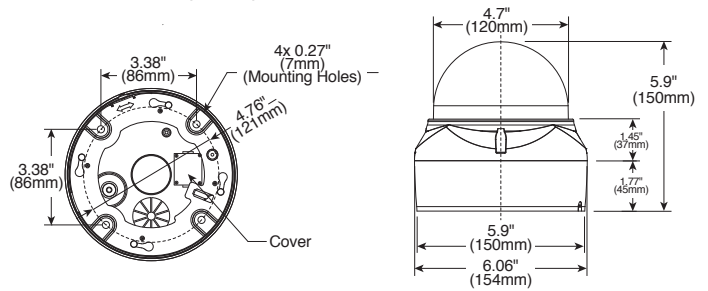
DWC-P30CNM  
Corner and Pole Mount  
Bracket for 30x  
PTZ Cameras



DWC-P20WM2  
Wall Mount for  
HD Coax 20x  
PTZ Camera

## Dimensions

Unit: Inch (mm)



## Specifications

IMAGE	
Image Sensor	1/2.8" SONY STARVIS CMOS Sensor
Active Pixels	1945(H)x1097(V)
Scanning System	Progressive scan
Synchronization	Internal
Resolution	HD-TVI : 1080p at 30fps, 720p at 30/60fps HD-Analog : 1080p at 30fps CVBS: 720x480 at 30fps
Minimum Scene Illumination	(50IRE): 0.35 Lux [Color] (50IRE): 0.013 Lux [B&W]
LENS	
Focal Length	4.7~94mm
Lens Type	Remote Auto Focus Lens
Angle of View	55.5~3°
Zoom	20x Optical Zoom, 16x Digital Zoom
OPERATIONAL	
Shutter Speed	30fps : Auto(1/30,000~x8sec), Manual 60fps : Auto(1/50,000~x8sec), Manual
Backlight	On / Off
De-Fog	On / Off
Wide Dynamic Range (WDR)	On / Off
Digital Noise Reduction	Off, Low, Middle, High
White Balance	Auto, Fluorescent, Incandescent, Outdoor, Manual
Day and Night	Day/ Night/ Auto
Mirror/ Flip	Yes
Privacy Zones	16 Privacy Zone Masks
PTZ FUNCTION	
Pan Range	360° Endless
Pan Speed	Max. 380°/sec.(Preset)
Tilt Range	-10~190°
Tilt Speed	Max. 380°/sec.(Preset)
Auto Calibration	0.1~6°
Preset	240
Tour	8
Pattern	8
Home Function	Yes
EXTERNAL IN/OUT	
Video Output	HD-Analog and HD-TVI Signal
Video Composite Output	Analog 720x480 Signal
Alarm	4 Input, 2 Output
Control	RS-485, Baud Rate : 2,400~38,400bps(Default : 9,600bps)
ID(Camera Address)	1~3999
ENVIRONMENTAL	
Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)
Operating Humidity	than 90% (Non-Condensing)
IP Rating	IP66 (Weather Resistant)
Other Certifications	FCC, CE, ROHS
ELECTRICAL	
Power Requirements	12VDC, 24VAC
Power Consumption	Max. 1A(12W) @ 12VDC,24VAC
MECHANICAL	
Material	Aluminum
Dimensions	6.06 x 5.9 in (154 x 150 mm)
Weight	Approx. 3.5 lbs (1.6kg)