

# ASH22-W

## Amcrest Smart Home 1080P Bullet Camera

### Technical Specifications

<b>Model</b>	<b>ASH22-W</b>				
<b>Camera</b>					
Image Sensor	1/2.8" Megapixel Progressive CMOS				
Effective Pixels	2MP (1920x1080)				
ROM	8MB				
RAM	64MB				
Mount Type	M12				
Night Vision	98ft (30m)				
IR LEDs	2				
Day/Night	Auto (ICR)/Color/B/W				
Electronic Shutter Speed	Auto/Manual 1/3s-1/100,000s				
S/N Ratio	>50.8dB				
Min illumination	Manual 1/30 s (80 IRE) 0.351 Lux @F2.0 (Color);0.548 Lux @F2.0 (B/W); 0 Lux (IR on) Manual 1/3 s (80 IRE) 0.033 Lux @F2.0 (Color); 0.004 Lux @F2.0 (B/W); 0 Lux (IR on)				
User Management	Up to 19				
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360°				
Iris Type	Fixed				
Focal Length	2.8mm				
Field of View	102° (H), 54° (V), 120° (D)				
Notice Management	Motion Detection, Configurable Region, Human Detection.				
Audio	Built-in Microphone				
Audio Compression	16KHz (AAC)				
Max Aperture	F2.0				
Close Focus Distance	1.6ft (0.5m)				
DORI Distance	<b>Lens</b>	<b>Detect</b>	<b>Observe</b>	<b>Recognize</b>	<b>Identify</b>
	2.8mm	126.6ft (38.6m)	50.5ft (15.4m)	25.3ft (7.7m)	12.8ft(3.9m)
<b>Video</b>					
Compression	H.264				
Video Bit Rate	H.264: 184 kbps–6144 kbps				
Video Frame Rate	Mainstream (1920 × 1080 @30 fps), sub stream (640 × 480@30fps)				
Default Bit Rate	1024 kbps (1080p)				
White Balance	Auto				
Gain Control	Auto				

Smart Illumination	Supported
Digital Zoom	16x
Noise Reduction	3D DNR
Frame Rate	Up to 25/30 fps
<b>Auxiliary Interface</b>	
Storage	MicroSD Card (up to 256GB, Amcrest Smart Home Cloud (Optional))
Reset Button	Supported
<b>Network</b>	
Ethernet	1 x 100 Mbps Ethernet Port
Wi-Fi	IEEE802.11 b/g/n, 2.4GHz Only, Dual Antenna, 164ft (50m), Open field.
Transmission	150 Mbps
Security	64/128-bit WEP; WPA/WPA2; WPA-PSK/WPA2-PSK
Management Software	Amcrest Smart Home (iOS, Android)
<b>General</b>	
Power Supply	DC 12V, 0.5A
Power Consumption	<3.5W
Operating Conditions	-22°F~140°F (-30°C~+60°C, Less than 95% RH)
Ingress Protection	IP67
Storage Conditions	-22°F~140°F (-30°C~+60°C, Less than 95% RH)
Dimensions	5.8" x 2.9" x 2.9" (147.7mm x 74.2mm x 74.2mm)
Net Weight	0.5 lbs. (0.24kg)