























**Speed Dome 720 / 820 Series**







**Full HD Speed Dome IP Camera**
**Main Features**
**Superior Camera Image Quality**

-  ▶ Sony Progressive Scan CMOS Sensor
-  ▶ Quad Stream Support
-  ▶ Dual Streams, Full HD real-time + D1 real-time
-  ▶ Quad Stream Compression:  
H.264 Baseline / Main / High Profile + MJPEG
-  ▶ Vertical View mode (Image rotation by 90°)
-  ▶ Up to 18x / 20x / 30x optical zoom
-  ▶ Up to 8x/12x digital zoom
-  ▶ Wide Dynamic Range
-  ▶ Auto White Balance
-  ▶ AGC Control
-  ▶ Backlight Compensation
-  ▶ Auto Exposure
-  ▶ True Day/Night function
-  ▶ Digital Noise Reduction
-  ▶ Network Failure Detection
-  ▶ Digital Slow Shutter

**Precise and Accurate Dome Camera Performance**

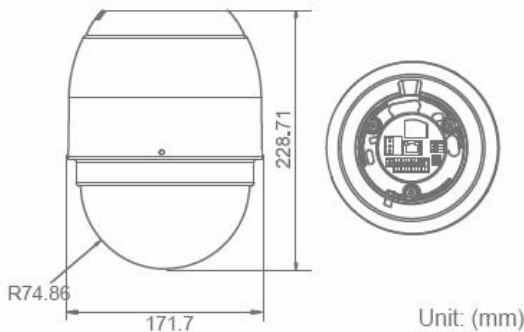
-  ▶ Preset speed up to 400°/sec.
-  ▶ Preset resolution of 0.225°
-  ▶ Proportional Pan & Tilt Speed
-  ▶ Preset Position / Auto-Pan / Sequence / Cruise
-  ▶ Auto-Calibration
-  ▶ Image / Mechanical Image Flip (180°)

**Dynamic Dome Camera Applications**

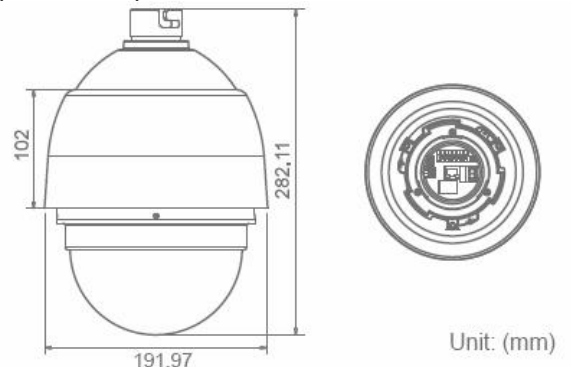
-  ▶ Up to 16 Privacy Masks
-  ▶ 4 Alarm inputs, 2 Alarm outputs
-  ▶ Up to 10 Sets of Motion Detection
-  ▶ Flexible indoor / outdoor mountings
-  ▶ Weatherproof (IP66 International)
-  ▶ High Power over Ethernet (IEEE 802.3 at)

**Dimension**

ET-720p Full HD Speed Dome IP Camera


**Dimension**

ET-820p Full HD Speed Dome IP Camera





## PRODUCT SPECIFICATION

Item	ET-720p-18/20/30	ET-820p-20/30
<b>Camera</b>		
Image Sensor	1/ 2.8" Sony Progressive CMOS	
Optical Zoom	18x, 20x, 30x	20x, 30x
Digital Zoom	1 ~ 8x Variable	
Focal Length	4.7~84.6mm/4.7~141mm	4.7~94mm/4.7~141mm
Focus Mode	Auto / Manual	
White Balance	Auto / Indoor / Outdoor / ATW / Manual	
Iris Control	Auto / Manual	
Electronic Shutter	1/1 ~ 1/10K sec.	
AGC Control	Auto / Manual	
Backlight Compensation	On / Off	
<b>Operation</b>		
Pan Travel	360° endless	
Tilt Travel	-10° ~ 190°	
Manual Speed	0.5° ~ 90°/s	
Presets	256	
Preset Accuracy	0.225°	
Preset Speed	5° ~ 400°/s	
Sequence	8	
Auto Pan	4	
Cruise	8	
Privacy Mask	16	
Proportional Pan & Tilt	On /Off (Pan and tilt speed proportional to zoom ratio)	
Resume after Power Loss	Yes	
Home Function	Preset / Sequence / Auto Pan / Cruise	
Auto Flip	Image / Mechanical / Off	
Motion Detection	On / Off	
Wide Dynamic Range	On / Off	
Day/Night: IR Cut Filter	Auto / Manual	
Image Rotation	Flip / Mirror / Inverse / Portrait	
Digital Noise Reduction	On / Off	
<b>Network</b>		
Video Compression	H.264 / MJPEG	
Video Streaming	Quad Streams H.264 x 4 / H.264 x 3 + MJPEG	
Video Resolution	Full HD 1080P / SXGA / HD720P / XGA / SVGA / D1 / VGA / CIF	
Frame Rate	1080P (30FPS) + D1 (30FPS)	
Audio Compression	G.711 / G.726 ADPCM / AAC	
Audio Streaming	Two-way Audio	
Networking	10/100 Mb Ethernet (RJ-45)	
Protocol	Ipv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF	
Security	User Account and Password Protection	
Alarm	Input	4 Sets
	Output	2 Sets
Alarm Reaction	Preset / Sequence / Auto Pan / Cruise	
Micro SD	MicroSDHC 32GB support	
Internet Browser	Internet Explore (6.0+) / Chrome / Firefox / Safari	
<b>General</b>		
Environment	Indoor / Outdoor	
Operation Temperature	Indoor	0°C ~ 40°C (32°F ~ 104°F)
	Outdoor	-40°C ~ 50°C (-40°F ~ 122°F)
Dimension	Indoor	Ø 171.7 x 228.71 mm (Ø 6.76 x 9 inches.)



Weight	Outdoor	Ø191.97 x 282.11mm (Ø7.55 x 11.1 inches.) w/ Sunshield
	Indoor	1.62 Kg (3.57 lbs)
Power Source	Outdoor	2.32 Kg (5.11 lbs)
	Indoor	PoE / AC24V± 10%
Power Consumption	Outdoor	PoE+ (w/o Heater) / AC24V± 10%
	Indoor	20W
Regulatory	Outdoor	65W (w/Heater)
	CE/ FCC/ RoHS / IP66 (outdoor) IK10	

Product specification and availability subject to change without notice. Certain product names mentioned hereby may be trade names and / or registered trademarks of their companies.

Standard pendent Mount



MiniPendent Mount



Wall Box Mounting



Corner Standard Mounting Plate

