

## Key Features

- 1/3" Progressive Scan CMOS
- Up to 4 megapixel resolution
- Fisheye & PTZ view
- IR range approx. 8 meters
- Support Wi-Fi, support WPS configuration with one touch
- Audio & alarm I/O
- 12 VDC  $\pm$  10% / PoE



## 4.0 Megapixel Dome & Fisheye Specification

<b>Operating System</b>	Embedded Linux
<b>User Interface</b>	Web viewer, Hybrid NDVR, NVSS, CMS Client
<b>Image Sensor</b>	1/3" Progressive Scan CMOS
<b>Lens</b>	1.6mm, F1.6 Angle of view: 186°(horizontal), 106°(vertical)
<b>Lens Mount</b>	M12
<b>Effective Pixels</b>	2560 × 1440
<b>Shutter</b>	1/3 s ~ 1/100,000 s
<b>Min. Illumination</b>	Color: 0.01lux @(F1.2, AGC ON), 0.018lux @(F1.6, AGC ON), 0 lux with IR
<b>Signal Noise Ratio</b>	>50db
<b>Day / Night Mode</b>	Electronic (IR cut filter with auto switch)
<b>IR module: IR LEDs</b>	Max. IR range approx. 8 meters
<b>Backlight Compensation</b>	Yes, zone configurable
<b>Auto Iris</b>	Yes
<b>Title OSD</b>	Date/Time/Name
<b>Video Format</b>	PAL/NTSC
<b>Video Compression</b>	H.264/MJPEG
<b>Encoding Speed</b>	50Hz: 12.5fps(2560 × 1440), 25fps(1920 × 1080, 1280 × 720); 60Hz: 15fps(2560 × 1440), 30fps(1920 × 1080, 1280 × 720)
<b>Video Bit Rate</b>	32Kbps~8Mbps
<b>Video Motion Detection</b>	Yes
<b>Audio Compression</b>	G.711/G.722.1/G.726/MP2L2
<b>Audio Bit rate</b>	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
<b>Audio Input</b>	1 channel in
<b>Audio Output</b>	1 channel out
<b>Ethernet</b>	1 RJ45 10M/100M Ethernet interface
<b>Network Functions</b>	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
<b>Remote Operation</b>	Monitor, System setting, Log information, Maintenance & Upgrade
<b>ONVIF</b>	Yes
<b>Storage</b>	Built-in Micro SD/SDHC/SDXC slot, up to 128G, NAS(NFS, SMB/CIFS)
<b>Alarm Input</b>	1 channel in
<b>Alarm Output</b>	1 channel out
<b>Working Environment</b>	-10 °C ~ 40 °C (14 °F ~ 104 °F); Humidity 90% or less (non-condensing)
<b>Power Supply</b>	12 VDC $\pm$ 10%, PoE (802.3af)
<b>Power Consumption</b>	Max. 5.55 W
<b>Dimension</b>	$\phi$ 119.9 x 41.2( $\phi$ 4.72" x 1.62")
<b>Weight</b>	600 g (1.32 lbs)
<b>Housing Color</b>	White
<b>Camera Mounting</b>	Celling

**For more information, contact Technology Solutions of Charleston**