

# ST-IP4VFB-MZ

## 4MP IP Varifocal Lens Bullet Camera



### Features:

- Up to 4 megapixel high resolution
- Full HD1080p video
- 2.8 - 12mm Motorized lens
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Backlight Compensation
- DC12V & PoE
- Support H.264+
- Up to 98' IR range
- IP66 weather rating



### Camera

Image sensor	1/3" Progressive Scan CMOS
Min. illumination	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Supported
Lens	2.8 - 12mm @ F1.4
Day & Night	IR cut filter with auto switch
Digital noise reduction	3D DNR
Wide Dynamic Range	120dB
Video compression	H.264 / MJPEG / H.264+
Video Bit Rate	32 Kbps – 16 Mbps



### Image

Max. Image Resolution	2688X1520
Frame rate	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720) 60Hz: 20fps (2688×1520), 30fps (1920×1080), 30fps(1280×720)
Image settings	Rotate mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Backlight compensation	Yes, zone optional
ROI	Supported
Day / Night Switch	Auto/Schedule/Triggered by Alarm In

### Network

Network storage	NAS (Support NFS,SMB/CIFS), ANR
Alarm trigger	Intrusion Detection, Line Crossing detection, Motion detection, Dynamic Analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour
General	One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access
Standard	ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI

### Interface

Communication Interface	1 RJ45 10M/100M Ethernet interface
On-Board Storage	Built in micro SD/SDHC/SDXC slot up to 64GB

### General

Operating conditions	-30 °C – 60 °C (-22 °F – 140 °F)
Humidity	95% or less (non-condensing)
Power supply	12 VDC ± 10% , PoE (802.3af) (not included)
Power consumption	5.5W MAX (Max. 7.5W with IR cut filter on)
Ingress Protection Rating	IP66
IR Range	Up to 164 Feet
Dimensions	95 × 105 x 258.6mm (3.74" × 4.13" × 10.18")
Weight	1200g (2.65 lbs)

### Ordering Information:

ST-IP4VFB-MZ      4MP IP Varifocal Lens Bullet Camera with IR