

# Specifications

	IPC3238SB-ADZK-I0				
Camera					
Sensor	1/2.8", 8.0 megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	86.9	34.8	17.4	8.7
	12	372.4	149.0	74.5	37.2
Angle of View (H)	107.4° ~ 29.2°				
Angle of View (V)	54.2° ~ 16.3°				
Angle of View (O)	111.0° ~33.1°				
Adjustment angle	Pan: 0° ~ 355°		Tilt: 0° ~ 80°		Rotate: 0° ~ 355°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital Noise Reduction	2D/3D DNR				
S/N	>56dB				
IR Range	Up to 40m (131ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps;5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Smart IR	Support				
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise				
Dewarping	Supported				
HLC	Supported				
BLC	Supported				
Audio					
Audio Compression	G.711				
Two-way audio	Supported				
Suppression	Supported				
Sampling Rate	8KHZ				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, SNMP				
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API				
Client	EZStation EZView EZLive				
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below				
	Plug-in free live view: Chorme 57.0+, Firefox 58.0+, Edge 16+, Safari 11+				
Interface					
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p]				
	Output: impedance 600Ω; amplitude 2V [p-p]				
Alarm I/O	1/1				
Built-in Mic	Supported				
Network	1 RJ45 10M/100M Base-TX Ethernet				
Certifications					
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 9.0W				
Dimensions (∅ x H)	∅148 x 111.4mm (∅5.8" x 4.4")				
Net Weight	0.97kg (2.14lb)				
Material	Metal + Plastic				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Surge Protection	2KV				
Ingress Protection	IP67				
Vandal Resistant	IK10				
Reset Button	Supported				