



## Explosion Proof PTZ Camera

### SS-EX202-I-H | SS-EX202-I-B

#### Key Feature:

- Resolution: 5 MP
- Video Compression: H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
- IR Range: up to 200mtr
- Digital Zoom: 16X
- Smart Defogger
- 316L stainless steel construction, IP68 rating
- Strong corrosion-resistant capabilities
- Use in flammable and explosive hazardous areas

#### Product Specifications:

Model No.	SS-EX202-I-H-30X		SS-EX202-I-B-42X
Camera			
Image Sensor	1/1.9" Progressive Scan CMOS		
Effective Pixel	(2592x1944)		
Min. Illumination	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on		
WDR	140dB Super WDR		
Shutter Time	1/100000s~1s		
Day & Night	ICR Filter Auto Switch		
S/N	>65dB		
Digital Zoom	16X		
Lens			
Focal Length	4.7~141mm @F1.5~F4.0	7~300mm@F1.8~F6.5	
	30X Optical Zoom	42X Optical Zoom	
Zoom Speed	Approx. 1s (Optical Wide-Tele)		
Field of View	H58°~H3°/D71°~D3°/V44°~V2°		H43°~H2°/D53°~D2°/V33°~V1°
Minimum Working Distance	100~1500mm (Wide-Tele)		1200~1500mm (Wide-Tele)
PTZ			
Pan Range	360° endless		
Tilt Range	-90 to +90°		
PAN/Tilt Speed	0.1°/s to 45°/s		
Proportional Zoom	Support		
Preset Quantity	255		
Preset Freezing	Support		
Patrol	8 Patrols, up to 48 presets each patrol		
Power Off Memory	Support		
PTZ Position Display	ON/OFF		
IR			
IR Distance	Up to 200m		
IR Angle	Auto/Manual		

<b>Video</b>	
Max. Image Resolution	2592x1944
Primary Stream	30fps@ (2592x1944), 45fps@ (2048x1536), 60fps@ (1920x1080, 1280x960, 1280x720, 704x576)
Secondary Stream	60fps@ (704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)
Tertiary Stream	30fps@ (1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
Image Setting	Brightness/Contrast/Saturation/Sharpness
<b>Network</b>	
Ethernet	1*RJ45 10M/100M Ethernet Port
Network Storage	NAS (Support NFS, SMB/CISF)
Streaming Method	Unicast / Multicast
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	SVMS, EVMS
Smart Phone	IOS, Android
<b>Audio</b>	
Audio Compression	G.711/AAC/G.722/G.726
Audio I/O	1 IN/1 out
<b>System</b>	
Alarm I/O	1IN/1 Out
RS485	Support
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
Advanced Function	IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Electronic Image Stabilization (EIS)	Support
Privacy Masking	Up to 24 areas
Region of Interest	Support
Smart Defogger	Built-In Fan & Heater combined with Software algorithm Provide Fog Free Picture
Wiper	Yes
SIP/VoIP Support	Yes, Voice & Video-over-IP
<b>Events</b>	
Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, IP address conflict, Illegal Access, Storage anomaly etc.
Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.
Video Analysis (Optional)	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection (Face Detection) , People Counting, Object Left, Object Removed
System Compatibility	ONVIF Profile S & G & T & Q Compliant
<b>General</b>	

Operating Conditions	-40 °C ~ 60 °C Humidity 90% or less (non-condensing)
Storage Conditions	-50 °C ~ 70 °C Humidity 95% or less (non-condensing)
Ingress protection	Up to IP68-rated for weather-resistant performance
Vandalism protection	Vandal-proof IK10-rated metal housing
Power Supply	100~240V AC, Max 3.0A
Power Consumption	75W Min, 50/60 Hz
Surge Protection	IP68 Compliant, IK10 Certified, Level 2 lightning protection 6000V surge protection
Dimensions/Weight	Φ511mmX295mmX420mm/40Kg
Explosion-proof Certification	ATEX, II 2 G Ex db op is IIC T6 Gb, II 2 D Ex tb op is IIIC T80° C Db EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-28:2015, EN 60079-31:2014 IEC 60079-0:2017, IEC 60079-1:2014, IEC 60079-28:2015, IEC 60079-31:2013
Process Certifications	ATEX QAN, IECEx QAR, ISO/IEC 80079-34:2018
Certification	Safety: CE, FCC, EN:60950-1, IS-13252 (Part 1):2010, BIS Registered, IEC 60950-1:2005 Immunity: CE, FCC

#### Ordering Information:

Sr. No	Model	Resolution	IR Range	PoE	Audio / Alarm	Optical Fibre Output
1.	SS-EX202-I-H with 30X	2592x1944@30fps	200 Mtr.	NA	Yes	No
2.	SS-EX202-I-B with 42X	2592x1944@30fps	200 Mtr.	NA	Yes	No
3.	SS-EX202-I-HF with 30X	2592x1944@60fps	200 Mtr.	NA	Yes	Yes
4.	SS-EX202-I-BF with 42X	2592x1944@60fps	200 Mtr.	NA	Yes	Yes

\*Note: Product design specifications and colors are subject to change without notice to improve Reliability, Function or Design or otherwise. Errors and omissions excepted.

Images displayed here are for illustration purposes only, actual product may vary.

Sparsh offers customized products and solutions as per site or customer requirements, minor changes in specifications and appearance are warranted and tracked version wise for customized requirements.