

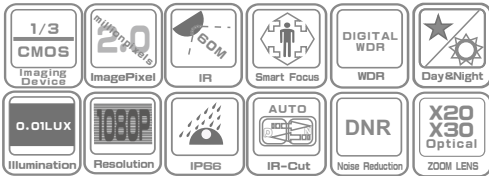
HD Network Speed Dome Camera

HD/Full HD 720P/1080P

VSD128IP-20M20B-E / VSD128IP-20M30B-E VSD128IP-20M20B-E-IR / VSD-128IP-20M30B-E-IR



VSD128IP-20MXXB-E



Features :

- * 20X /30X Optical Zoom; 32x Digital Zoom.
- * 1080P @30/25fps; service analog video output
- * Compound Movement make the speed dome reach preset in shortest route
- * Support ONVIF protocol(V2.4.1)/Profile S.
- * Multi-streaming for high-resolution and high-quality video monitoring and simultaneous recording in real time remotely
- * Support H.264 and M-JPEG video compression
- * Two-way audio communication support for remote audio dialog
- * Video stream buffering to counter pre-post-event buffering and network delays for improved network recording reliability
- * Remote monitoring via web browser or remote software
- * Up to 4 simultaneous remote monitoring connections
- * IP filtering, HTTP, SSL and configurable user authority levels for greater security
- * Easy network access via UPnP function and embedded Multicast DNS protocol
- * Wide Dynamic range compensation for improved video quality in high-contrast situations
- * Slow shutter support for improved low-lighting video capture performance
- * Day & Night (Built in IR cut filter)
- * Quick and easy firmware upgrade over network
- * Redundant firmware and auto recovery features for improved system stability
- * Network-based integrated management of multiple network cameras
- * Multiple event detection modes: Alarm-in, motion detection
- * Backup storage on a micro SD card as a safeguard against data loss during network interruptions
- * Support AC24V/DC12V dual voltage power supply
- * Service analog video out(Pal/NTSC) and RS485
- * Pan/Tilt control based on micro stepping motor technology
- * 254 preset, 8 auto scan, 8 tour, 4 pattern, 8 group, 16 schedule
- * 360° endless horizontal rotation
- * 90° vertical movement, 180° vertical movement (auto flip on)
- * Max. 400°/sec. Preset speed
- * 254 presets, 8 auto scan
- * 4 pattern, 8 groups could be programmed
- * 16 schedule could be programmed by month, week, day.
- * IP66 (outdoor)

	VSD128IP-20M20B-E	VSD128IP-20M30B-E
Camera		
Image Sensor	1/3" High-profile CMOS image processor	
Total Pixels	2010(H) x 1108(V)	
Effective Pixels	1944(H)x1092(V)	
Minimum Illumination	Color:0.5Lux BW:0.1Lux Color DSS:0.002Lux BW DSS:0.001:Lux	
White Balance	Auto	
AGC	Off/On	
Noise ratio (S / N)	>50dB (AGC Off)	
Day & Night	Active/Passive/Day/Night/Schedule	
Focus	Auto	
Iris	Auto Iris	
Shutter Speed	1/30(25)---1/60000sec.	
Mirror	None/Horizontal/Vertical/Horizontal & Vertical	
WDR	High/Low/Disable	
Privacy Zone	8 privacy zone could be programmable	
Synchronous mode	Internal Synchronization	
Lens		
Optical lens	20x optical zoom	30x optical zoom
Focal Length	f=4.7---94.0mm	f=4.3---129mm
PTZ Function		
Pan/Tilt Range	Pan: 360 degrees endless Tilt: 180 degrees	
Speed	Max. 360 degrees/sec.	
Preset	254	
Tour	8	
Auto Scan	8	
Pattern	4(ten minutes)	
Group	8	
Schedule	16	
Other Functions	Auto Flip Parking Action Power up Action	
Protocol	Pelco D/P Auto identification	
I/O		
Video Out	Service analog Video Out	
Audio In	1CH	
Audio Out	1CH	
Alarm In	8CH	
Alarm Out	4CH	
Network Connection	RJ-45 10/100 Mbps Ethernet	
SD Card	Support 64GB	
Network		
Codec Platform	High-performance TI Davinci DSP	
Video Compression	H.264 M-JPEG	
Video Codec	H.264 baseline Main profile High Profile MJPEG	
Audio Compression	G.711a/G.711u/RAW_PCM	
Video Bitrate	CBR(200-12000kbps) VBR LBR	
Frame Rate	Max. 1080p@30/25fps	
Video Stream	Dual-stream: 1920x1080; 630x360(for remote recording)	
Network Protocol	IPv4/IPv6 RTSP/RTP/RTCP TCP/UDP HTTP DHCP DNS FTP DDNS PPPoE SMTP SNMP V1/V2 ONVIF2.4.1 ONVIF Profile S.	
Alarm Trigger Event	Motion Detection Alarm in Schedule	
Infrared		
Infrared mode	VSD128IP-20M20B-E-IR	VSD128IP-20M30B-E-IR
Lamp layout	Auto/Manual/Semi-auto	
Irradiation distance	Array IR LEDs for 9.Near:3; Middle:3; Far:3.	
Brightness level	80M	
	ON/OFF	
General		
Max. Power	DC12V: 26W AC24V: 65W	
Extra Power Supply	DC12V/500mA	
Dimension	VSD128IP-20MXXB-E : φ 224mm*417Hmm VSD128IP-20MXXB-E-IR : φ 224mm*417Hmm	
Weight	5.9kg	
Working Temp.	-42°C ~ +55°C	
Protection grade	IP66 / CE	
Working Humidity	0%~90% (Non-condensation)	

unit:mm

