

## Technical Specifications for the Bullet/ Dome 5M DETERRENCE Fixed Lens and Motorised Lens IP Cameras

Items		Description			
		Bullet IP Camera Fixed Lens	Auto Focus Bullet IP Camera	Dome IP Camera Fixed Lens	Auto Focus Dome IP camera
		1099/511	1099/512	1099/541	1099/542
Camera	Image Sensor	1/2.7" Progressive CMOS			
	Video Format	P/N adaptive control			
	Minimum Luminance	Colour 0.002lux @ F1.0(AGC ON); B/W 0 lux @ IR ON			
	Lens Mount/Lens Type	2.8mm Fixed Lens	Motorised 2.8-12mm	2.8mm Fixed Lens	Motorised 2.8-12mm
	Viewing angle	Horizontal: 110° Vertical: 58° Diagonal: 132°	Horiz.: 35 ~113° Vert.: 20 ~ 59° Diag.: 41 ~ 138°	Horizontal:110 ° Vertical: 58° Diagonal: 132°	Horiz.: 35 ~113° Vert.: 20 ~ 59° Diag.: 41 ~ 138°
	Shutter Speed	1/5s ~ 1/20,000 s			
	Shutter Slowdown	Supported			
	D/N change mode	IR cut filter (Day/Night/Auto/Schedule/Image)			
	Wide Dynamic Range	WDR			
	Digital noise reduction	3D DNR			
	IR illuminator range	1 item (Array) / Approx. 25m	4 items (Array) / Approx. 30m	1 item (Array) / Approx. 25m	2 items (Array) / Approx. 25m
	White lights	2	4	2	2
	Deterrence lights	2	2	2	2
	White lights range	Approx. 20m	Approx. 25m	Approx. 20m	Approx. 20m
Standard Compression	Standard Video Compression	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)			

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	Video Compression Rate	256Kbps~ 16Mbps			
Picture	Max. Resolution	5MP (2880x1620)			
	Frame Rate	<b>Mainstream (1-30fps)</b> 5MP (2880x1620), 4MP (2592x1520), 3MP (2304x1296), 1080P(1920x1080), 960P(1280*960), 720P(1280x720) <b>Substream (1-30fps)</b> 720P(1280x720), VGA (640x480), QVGA (320x240) <b>Mobile Stream (1-30fps)</b> VGA (640x480), QVGA (320x240)			
	Image settings	Rotation, Saturation, Brightness, Contrast, Sharpness, settings can be adjusted via Client Software or Web Browser			
Users	No.: Max. Stream/PC access	Max 7 (admin+user)			
Software Functions	E-mail Alarm	YES			
	FTP/Cloud	Image upload to FTP Server/ Cloud Dropbox (on alarm event)			
	RTSP	YES			
	P2P	YES			
	NTP, DST, Sync. with PC time	YES			
	ROI	YES			
	Web/Client/ Mobile	<b>Multi-Browser Support:</b> IE 10,11, Edge V.79/higher, Chrome 57/higher, Firefox 52/higher, Safari 12.1/higher <b>Urmec UVS Pro Client Support:</b>			

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		Windows 7 O.S. or higher / MAC O.S. 10.8.0 or higher <b>iUVS Pro Software Mobile Support:</b> (iOS, Android)			
SMART capability	Smart analysis	YES  Stationary Object Detection (SOD), Face Detection (FD), Sound Detection, Face recognition (FR), Human & Vehicle detection (PD&VD), Perimeter Intrusion Detection (PID), Line crossing Detection (LCD), Cross Counting (CC), Heat Map, Crowd Density Detection (CD), Queue Length Detection (QD), License plate detection (LPD), Rare sound detection (RSD)			
Network	Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP			
Interface	Communication interface	1 RJ45 10M / 100M Ethernet interface			
	System compatibility	ONVIF (Profile S/G/T)			
	Security	IP filtering function; password strength; username and password authentication			
	Alarm trigger	NO			
	Audio	Built-in microphone/speaker			
	Analogue Video Output	NO			
	Protection rating	IP67			
	Protective connector	Waterproof RJ45 connector			
	Reset button	YES			
	SD Card	YES, supports up to 256 GB (not included in supply)			
	PoE	YES			

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General Specifications	Operating conditions	-35~+60°C/ below ≤ 95% RH			
	Power supply	12 VDC ± 10%, PoE (802.3af)			
	Power consumption	2.2W(D) / 3W(N) / 7.4W (Max)	2.3W(D) / 7.8W(N) / 11.3W (Max)	2.4W(D) / 3.7W(N) / 6.4W (Max)	2.9W (D) / 5.4W (N) / 7.5W (Max)
	Dimensions (LxHxD or ØxH in mm)	152x70x70	241x90x86	Ø100x90	Ø135x120
	Weight(g)	282	693	219	824