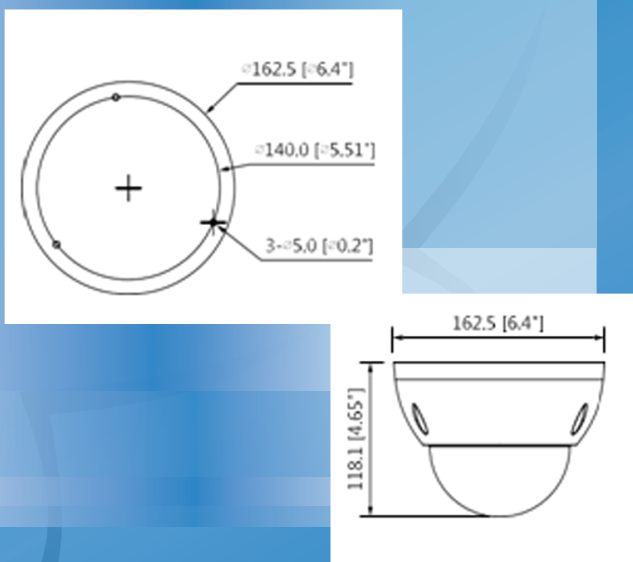# DOLPHIN MARINE

The New IP Matrix Range

IP-SS-MPT-012   2MP IR Dome Camera

Main Features Include:

• 1 / 1.9" 2 Megapixel Progressive Scan CMOS

• H.265 & H.264 Triple-stream Encoding

• 50 / 60fps @ 1080P (1920×1080)

• WDR (120dB), Day / Night (ICR), 3DNR, AWB, AGC, BLC

• Multiple Network Monitoring: Web Viewer, CMS(DSS/PSS) & DMSS

• 4.1mm ~ 16.4mm Motorised Lens

• Max. IR LEDs Length 50m

• Micro SD Memory, IP67, IK10, POE

• 316L Stainless Steel Housing

Dimensions:

Camera Information:

The 2MP IR Dome Camera low-light performance delivers usable video with minimal ambient light. Even in extreme low-light conditions, & in near complete darkness (0.002 lux) it is capable of delivering colour images

For applications with both bright and low lighting conditions that change quickly, True WDR (120dB) optimises both the bright and dark areas of a scene at the same time to provide usable video

The built-in video will quickly & accurately respond to monitoring events

It enhances monitoring efficiency, & at the same time, The camera can support face detection, it can quickly capture a face & upload the image to the server

In addition the camera also supports intelligent tamper detection, through dramatic changes in the scene it will send out warning information to ensure effective monitoring

Specification may change without prior notice

The New IP Matrix Range

IP-AT-01-W-4MP Low Profile Dome Camera

Technical Data

Camera	Image Sensor	1 / 1.9" 2Megapixel progressive scan CMOS
	Effective Pixels	1920 (H) x 1080 (V)
	RAM / ROM	1024MB / 128MB
	Scanning System	Progressive
	Minimum Illumination	0.002Lux/F1.53(Color), 0Lux/F1.53(IR on)
	S/N Ratio	More than 50dB
	IR Distance	Up to 50m (164ft)
	IR On/Off Control	Auto/ Manual
	IR LEDs	3
Lens	Lens Type	Motorised / Auto Iris (HALL)
	Mount Type	Board-in
	Focal Length	4.1 ~ 16.4mm motorised
	Max Aperture	F1.53
	Angle of View	H: 92˚~ 32 ˚ V:53 ˚ ~ 18 ˚
	Optical Zoom	4x
	Focus Control	Motorised
	Close Focus Distance	1m (3.28ft)
	Pan / Tilt / Rotation Range	Pan: 0˚~ 355˚; Tilt: 0˚~ 65˚; Rotation:0˚~ 355˚
	IVS (optional)	Tripwire, Intrusion, Object Abandoned / Missing
	Advanced Intelligent Functions	Face Detection, People Counting, Heat Map
Video	Bit Rate Control	CBR / VBR
	Bit Rate	H.264: 24~ 10240Kbps H.265: 14~ 6144Kbps
	Day / Night	Auto (ICR) / Colour / B/W
	BLC Mode	BLC / HLC / WDR (120dB) / SSA
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual
	Gain Control	Auto / Manual
	Noise Reduction	3D DNR
	Motion Detection	Off / On (4 Zone, Rectangle)
	Region of Interest	Off / On (4 Zone)
	Electronic Image Stabilisation, Smart IR & Defog	Support
	Digital Zoom	16x
	Flip	0°/ 90°/ 180°/ 270°
	Mirror	Off / On
	Privacy Masking	Off / On (4 Area, Rectangle)
Aux	Audio - Compression	G.711a / G.711Mu / AAC / G.726
	Ethernet	RJ-45 (100 /1 000Base-T)
	Protocol	HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP
General	Inter-operability	ONVIF, PSIA, CGI
	Streaming Method	Unicast / Multicast
	Max. User Access	10 Users / 20 Users
	Edge Storage	NAS, Local PC for instant recording, Mirco SD card 128GB
	Web Viewer	IE, Chrome, Firefox, Safari
	Management Software	Smart PSS, DSS, Easy4ip
	Smart Phone	IOS, Android