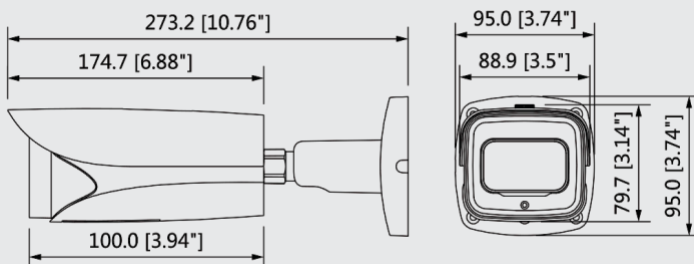


Industrial CCTV



FEATURES

- 1/1.8" 4 Megapixel progressive CMOS
- H.265 & H.264 dual-stream encoding
- 25/30fps@2688×1520
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS
- Micro SD card slot, up to 128GB
- 2.7~13.5mm varifocal lens
- Max IR LEDs Length 50m
- IP67, IK10, -30°C ~ +60°C



Datasheet rev.A20.2



Accessories:
DT-MFA121
junction box



Accessories:
DT-MFA152
pole mount

TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/1.8" 4 Megapixel progressive CMOS		
	Effective Pixels	2688(H) x11520(V)		
	RAM/ROM	512MB/32MB		
	Scanning System	Progressive		
	Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s		
	Min. Illumination	0.0024Lux/F1.8 0Lux/F1.8 (IR on)		
	S/N Ratio	More than 50dB		
	IR Distance	Distance up to 30m(98ft)		
	IR On/Off Control	Auto / Manual		
	R LEDs	2		
Lens	Lens Type	Motorized(-ZS),Manual(-VFS)		
	Mount Type	Board-in		
	Focal Length	2.7mm~13.5mm		
	Max Aperture	F1.8		
	Angle of View	H:95°~27°, V:70°~20°		
	Focus Control	Motorized(-ZS),Manual(-VFS)		
	Close Focus Distance	0.3m		
	DORI Distance	Lens	W	T
		Detect	64m(210ft)	222m(728ft)
Observe		26m(85ft)	89m(292ft)	
Recognize		13m(43ft)	44m(144ft)	
Identify		6m(20ft)	22m(72ft)	
Pan/Tilt/Rotation Range		Pan:0° ~355° ;Tilt:0° ~75° ; Rotation:0° ~355°		
Intelligence	IVS	Tripwire, Intrusion		
	Event Trigger	Motion detection, Video tampering, Scene changing,Network disconnection, IP address conflict,Illegal access, Storage anomaly		
Video	Compression	H.265+/H.265/H.264+/H.264		
	Smart Codec	Support H.265+/h.265+		
	Streaming Capability	2 Streams		
	Resolution	4M(2688x1520)/ (2560x1440)/ (2304x1296)/ 1080P(1920x1080)/ SXGA(1280x1024)/ 1.3M(1280x 960)/ 720P(1280x720)/ D1(704x576/ 704x480)/VGA(640x480)/ CIF(352x288/352x240)		
	Frame Rate	4M (1 ~ 25/30fps) D1/CIF(1 ~ 20/25fps)		
	Bit Rate Control	CBR/VBR		
	Bit Rate	H.265: 12K ~ 8448Kbps H.264: 32K ~ 10240Kbps		
	Day/Night	Auto(ICR) / Color / B/W		
	BLC Mode	BLC / HLC / WDR(120dB)		
	White Balance	Auto/Natural/Street Lamp/Outdoor/ Manual		
	Gain Control	Auto/Manual		
	Noise Reduction	3D DNR		
	Motion Detetion	Off / On (4 Zone, Rectangle)		
	Region of Interest	Off / On (4 Zone)		
	Smart IR	Support		
	Digital Zoom	16x		
	Flip	0°/90°/180°/270°		
	Mirror	Off / On		
	Privacy Masking	Off / On (4 Area, Rectangle)		

Network	Ethernet	RJ-45 (10/100Base-T)
	Protocol	HTTP;HTTPS;TCP;AR-P;RTSP;RTP;UDP;-SMTP;FTP;DHCP;DN-S;DDNS;PPPOE;IPv4/v6;Qos;UPnP;NTP;Bonjour;IEEE802.1x;Multicast;ICMP;IGMP;TLS;RTCP
	Interoperability	ONVIF Profile S&G,API
	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
	Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
Electrical	Power Supply	DC12V, PoE (802.3af)(Class 0)
	Power Consumption	<9.5W(-ZS), <7.5W(-VFS)
Environmental	Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
	Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
	Ingress Protection	IP67
	Vandal Resistance	IK10
Construction	Casing	Metal
	Dimensions	273.2mm×95.0mm×95.0mm
	Net Weight	1.11Kg (2.44lb)
	Gross Weight	1.51Kg (3.33lb)