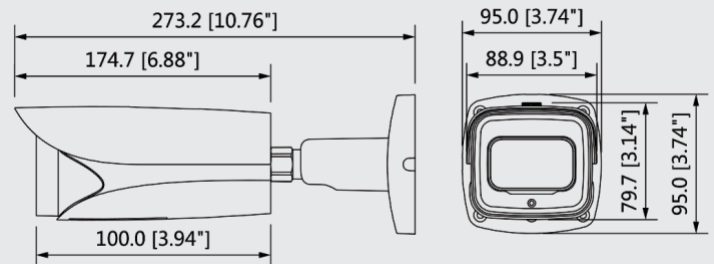


Industrial CCTV



FEATURES

- 1/1.8" Full HD progressive CMOS
- H.265 & H.264 dual-stream encoding
- 25/30fps@1920×1080
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS
- Micro SD card slot, up to 128GB
- 5.3~64mm varifocal lens
- Max IR LEDs Length 180m
- IP67, IK10, -30°C ~ +60°C



Datasheet rev.A20.2



Accessories:
DT-MFA121
junction box



Accessories:
DT-MFA152
pole mount

MT-IPB520Z12

TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/1.8" 2 Megapixel progressive CMOS			
	Effective Pixels	1920(H) x1080(V)			
	RAM/ROM	512MB/32MB			
	Scanning System	Progressive			
	Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s			
	Min. Illumination	0.002Lux/F1.8 0Lux/F1.8 (IR on)			
	S/N Ratio	More than 50dB			
	IR Distance	Distance up to 180m			
	IR On/Off Control	Auto / Manual			
	R LEDs	2			
Lens	Lens Type	Motorized(-ZS),Manual(-VFS)			
	Mount Type	Board-in			
	Focal Length	5.3mm~64mm			
	Max Aperture	F1.8			
	Angle of View	H:58°~4°, V:34°~2°			
	Focus Control	Motorized(-ZS),Manual(-VFS)			
	Close Focus Distance	1m			
	DORI Distance		Lens	W	T
		Detect	73m	882m	
		Observe	29.2m	353m	
Recognize		14m	176m		
Identify		7.3m	88m		
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	1080P(1920x1080)/ SXGA(1280x1024)/ 1.3M(1280x 960)/ 720P(1280x720)/ D1(704x576/ 704x480)/VGA(640x480)/ CIF(352x288/352x240)			
	Frame Rate	2M (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)		

Datasheet rev.A20.2