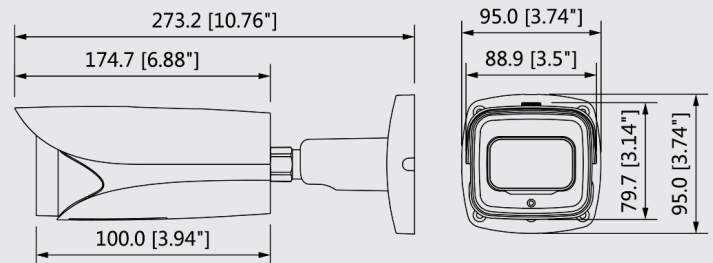




FEATURES

- 1/2.8" 2Megapixel progressive scan STARVIS™ CMOS
- H.265&H.264 triple-stream encoding
- 50/60fps@1080(1920×1080)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 5,3mm ~64mm motorized lens
- 2/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 200m
- Micro SD memory, IP67, IK10, PoE



MT-IPB520Z12E

TECHNICAL SPECIFICATIONS

| | | | | | |
|-------------------------|---|--|--------------|--------------|---|
| Camera | Image Sensor | 1/2.8" 2Megapixel progressive scan CMOS | | | |
| | Effective Pixels | 1920(H) x 1080(V) | | | |
| | RAM/ROM | 256MB/32MB | | | |
| | Scanning System | Progressive | | | |
| | Electronic Shutter Speed | Auto/Manual, 1/3(4)~1/100000s | | | |
| | Min. Illumination | 0.006Lux/F1.4 (Color,1/3s,30IRE) 0.05Lux/F1.4 (Color,1/30s,30IRE) 0Lux/F1.4 (IR on) | | | |
| | S/N Ratio | More than 50dB | | | |
| | IR Distance | Distance up to 200m (656ft) | | | |
| | IR On/Off Control | Auto / Manual | | | |
| | R LEDs | 4 | | | |
| Lens | Lens Type | Motorized/ Auto Iris(DC) | | | |
| | Mount Type | Board-in | | | |
| | Focal Length | 5.3mm~64mm | | | |
| | Max Aperture | F1.4 | | | |
| | Angle of View | H: 59°~5°, V:34°~3° | | | |
| | Optical Zoom | 12x | | | |
| | Focus Control | Motorized | | | |
| | Close Focus Distance | 1.5m | | | |
| | DORI Distance | | Lens | W | T |
| | | Detect | 73m(236ft) | 882m(2983ft) | |
| Observe | | 29m(95ft) | 353m(1158ft) | | |
| Recognize | | 14m(46ft) | 176m(577ft) | | |
| Identify | | 7m(23ft) | 88m(288ft) | | |
| Pan/Tilt/Rotation Range | Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360° | | | | |
| Intelligence | IVS | Tripwire, Intrusion, Object Abandoned/Missing | | | |
| | Advanced Intelligent Functions | Face Detection | | | |
| Video | Compression | H.265+/H.265/H.264+/H.264 | | | |
| | Streaming Capability | 3 Streams | | | |
| | Resolution | 1080P(1920x1080)/1.3M(1280x960)/ 720P(1280x720)/D1(704x576/704x480)/ VGA(640x480)/CIF(352x288/352x240) | | | |
| | Frame Rate | Main Stream: 1080P(1~50/60fps) Sub Stream: D1(1~50/60fps) Third Stream: 1080P(1~25/30fps) | | | |
| | Bit Rate Control | CBR/VBR | | | |
| | Bit Rate | H.264: 24~9472Kbps H.265: 14~5632Kbps | | | |
| | 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) | | | |

| | | | | |
|----------------|--|--|---------------------|--|
| Audio | Compression | G.711a/ G.711Mu/ AAC/ G.726 | | |
| | Ethernet | RJ-45 (10/100Base-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 | | |
| | | Interoperability | 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 | | |
| Certifications | CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B | | | |
| | Video Interface | 1 Port(For adjustment only) | | |
| Interface | Audio Interface | 1/1 channel In/Out | | |
| | Alarm | 2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC | | |
| | Power Supply | DC12V, PoE (802.3af)(Class 0) | | |
| Electrical | Power Consumption | <12.95W | | |
| | Operating Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH | | |
| Environmental | 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 (10.76"×3.74"×3.74") | | |
| | Net Weight | 1.11Kg (2.44lb) | | |
| | Gross Weight | 1.51Kg (3.33lb) | | |

Datasheet revm18.3