


| Product Image   | Features   |
|---|--|
|  | <p>IP IR Weatherproof Bullet Camera<br/>           1/2.8" Progressive CMOS Sensor<br/>           Color: 1000 TV Lines / B/W: 1100 TV Lines<br/>           4.3mm Fixed Focus Lens, True Day &amp; Night (ICR)<br/>           24EA Built-In IR LED &amp; Heater<br/>           H.264, MJPEG (H.264 High Profile @ Level 3.1) Dual Streaming<br/>           Max 30FPS at FULL HD<br/>           Multi Protocol, Built-In Motion Detection, Privacy Mask Support<br/>           E-Mail Notification, DNS, UPnP, SNMP Support<br/>           Built-In Mini SD Card Slot (Up to 32GB)<br/> <u>Built-In PoE Module (Class 0)</u><br/>           Onvif Compliance<br/>           75mm, DC12V</p> |

| MDC-i6090FTD-24H               |   |
|--------------------------------|---|
| <b>Camera</b>                  |   |
| Image Sensor                   | 1/2.8" Progressive CMOS Sensor  |
| Sync System                    | Internal  |
| Horizontal Resolution          | Color: 1000 TV Lines / B/W: 1100 TV Lines   |
| S/N Ratio                      | More than 50dB  |
| Effective Video Resolution     | Max 1920x1080   |
| Minimum Illumination           | Color 0.5 Lux, BW 0.02 Lux, IR LED On 0 Lux at F1.2   |
| Number of Effective Pixels     | 1984(H) x 1105(V)   |
| Electronic Shutter Speed       | 1/30sec ~ 1/24,000sec (60Hz) / 1/25sec ~ 1/20,000sec (50Hz)   |
| Video Function                 | Auto , Color,Black & White<br>2D Noise filter<br>Auto IRIS Interface<br>Video output<br>AWB/ AE   |
| Lens Type                      | 4.3mm Fixed Focus Lens  |
| <b>Image</b>                   |   |
| Codec Image Size (H x V)       | HD(1920x1080),HD(1280x720), VGA(640x352), CIF(320x176), QCIF(160x96)  |
| Video Compression Format       | H.264, MJPEG (H.264 High Profile @ Level 3.1)   |
| Scanning System                | Progressive Frame Mode->No Tearing Effect   |
| Codec Streaming                | Dual Streaming (H.264/H.264 & H.264/MJPEG)  |
| Maximum Frame Rate             | H.264: 30fps / 1080p, MJPEG: 30fps / 1080p  |
| <b>Scene Control</b>           |   |
| Motion Detection Control       | Yes (144 Motion Areas, Sensitivity Level Controllable)  |
| Privacy Mask Control           | Yes (Up to 8 Privacy Mask Areas)  |
| <b>Network</b>                 |   |
| Support Protocol               | HTTP, TCP/IP, telnet, ftp, NTP, RTP/RTSP(Unicast/Multicast), SMTP, DHCP, PPPoE, UPnP, RARP, PPP, PAP, CHAP, UDP, SNMP, ARP, ICMP, Onvif |
| Frame Rate & Bandwidth Control | 6 Levels: Low Compression / Highest / High / Normal / Low / Lowest<br>CBR, VBR, GOP Control   |
| Device Management              | Multi user level protection for Camera access   |
| Number of Client               | 16 Multiple Clients Accessible  |
| Onvif Conformance              | Yes   |
| Dynamic Domain Name            | Yes (IPCCTVDNS) ( <a href="http://www.ipcctvdns.com">www.ipcctvdns.com</a> )  |
| Live Casting                   | Streaming Video Channel up to 30fps @ FULL HD   |
| Security                       | Channel based user password protection for live-cast  |
| Installation & Maintenance     | Configuration: installation wizard, HTTP, telnet. Upgrade firmware: HTTP, telnet & ftp.   |

|                     |  |
|---------------------|--|
| System Hardware     | 32bit Embedded CPU<br>NAND Flash 128Mbytes / DDR2: 128Mbytes<br>Linux version 2.6.xx operating system<br>Battery backed up real-time clock |
| Miscellaneous       | Transmit serial input data with video<br>Quick Time & VLC media player compatible  |
| <b>Interface</b>    |  |
| Ethernet            | 10/100-Base-T Ethernet (Auto-Sensing)  |
| Power over Ethernet | Built-In PoE   |
| Mini SD Card Slot   | Built-In, Dynamic Search and Playback Function, Up to 32 GB  |
| <b>General</b>      |  |
| Weight              | Approx 0.7kg   |
| Dimensions          | 75mm   |
| Power Requirements  | DC12V, 600mA   |
| Power Consumption   | Max 7.5W   |
| Working Temperature | (-)40°C ~ (+)40°C  |
| Operating Humidity  | 95% RH Max   |
| Standard            | CE, FCC  |