



FE10 Series Camera

The Case FE10-5MPC is a Fisheye Dome Camera, is IP66 Waterproof and has an optional heater.

The FE10-5MP comes with Case Lite software for Content Management System (CMS) and Real Time Operating System (RTOS).

The FE10-5MPC is fully compatible with Case Video Analytics as a stand-alone camera or as part of a Video Surveillance Camera Network.

The Case FE10-5MPC is assembled in the United States. All Case Video Analytic Software is designed, built, and developed in the United States.

Embedded RTOS Resign, Image Sensor 1/2.7" OV CMOS Sensor

5 Megapixel Resolution DSP Dual core (HI3516E) Min. Illumination Color 0.001Lux@F1.2, B/W 0.0001 Lux@F1.2 Adjust Parameters DWDR, BLC, DNR, AE, AGC, D&N, Mirror, Flip and more.

## Case Dome IP Camera Waterproof 5MP Fisheye Dome Camera

Video: H.265 Primary Compression  
Stream: Dual stream, AVI format  
Bitrate: Support 0.1M-8Mbps Adjustable-Bitrate

Frame Rates: Support 1-30 FPS Adjustable

Audio Input/Output: 1CH input  
(Microphone Optional)  
Compression: G.711 Compression  
Supports Two-way Audio Intercom, Audio and Video Synchronized Output

Alarms: Motion Detection, Tamper Alarm, and Video Loss.

General: Web Browser Support, Smart Phone Support, Case CMS Software (multiple device management system)

Network: RJ45: 10/100M Support  
RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP/ONVIF/PoE

Language: English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, Chinese, Turkish, and others.

IR Filter Set of double light switch IR-CUT Filter

Lens Mount: Fish-eye lens: 1.7mm  
Infrared Luminary: SMD IR LED (24)  
Wavelength: 850nm  
Distance: 20m

| Model No. FE10 Series |                      | FE10-5TBC                                                                                                                     | FE10-4TBC                                  | FE10-1TBC                                  |
|-----------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Camera Type           |                      | Metal Dome IP Camera                                                                                                          |                                            |                                            |
| System                |                      | Embedded RTOS design                                                                                                          |                                            |                                            |
| Camera                | Effective Pixels     | 5.0 Mega Pixel                                                                                                                | 4.0 Megapixel                              | 1.3 Mega Pixel                             |
|                       |                      | Main stream:2592*1944;<br>3MP;2MP                                                                                             | Main stream:2592*1520;<br>2048*1536        | Main stream:1280*960                       |
|                       |                      | Sub stream:704*576                                                                                                            | Sub stream:704*576                         | Sub stream:704*576                         |
|                       | Frames Rates         | PAL:25fps(2592*1944)                                                                                                          | PAL:20fps(2592*1520)/<br>25fps(2048*1536)  | PAL:25fps(1280*960)                        |
|                       |                      | NTSC:30fps(2592*1944)                                                                                                         | NTSC:20fps(2592*1520)/<br>30fps(2048*1536) | NTSC:30fps(1280*960)                       |
|                       | Image Sensor         | 1/1.8" SONY Exmor IMX178<br>CMOS Sensor                                                                                       | 1/3" OV4689 CMOS Sensor                    | 1/3" APTINA0130 CMOS<br>Sensor             |
|                       |                      | 6.29 megapixel resolution<br>(3072 x2048)                                                                                     | 4 megapixel resolution<br>(2688 x1520)     | 1.3 megapixel resolution<br>(1305 x 977)   |
|                       | DSP                  | Dual core 32-bit DSP<br>(Hi3516A)                                                                                             | Dual core 32-bit DSP<br>(Hi3516D)          | Dual core 32-bit DSP<br>(Hi3518C)          |
|                       | Min. Illumination    | Color 0.001Lux@F1.2<br>B/W 0.0001 Lux@F1.2                                                                                    | Color 0.01Lux@F1.2<br>B/W 0.001 Lux@F1.2   | Color 0.01Lux@F1.2<br>B/W 0.01 Lux@F1.2    |
|                       | Adjust Parameters    | DWDR,BLC,DNR,AE,AGC,D&N,Mirror,Flip,etc.                                                                                      |                                            |                                            |
| Video                 | Compression          | H.265 Main profile                                                                                                            | H.265 Main profile                         | H.264 Main profile                         |
|                       | Stream               | support dual stream,AVI<br>format                                                                                             | support dual stream,AVI<br>format          | support dual stream,AVI<br>format          |
|                       | Bit Rate             | support 0.1M ~8Mbps bit<br>rate adjustable                                                                                    | support 0.1M ~8Mbps bit rate<br>adjustable | support 0.1M ~8Mbps bit<br>rate adjustable |
|                       | Frame Rates          | support 1~30fps adjust                                                                                                        | support 1~30fps adjust                     | support 1~30fps adjust                     |
| Audio                 | Input and output     | 1ch input( microphone),1ch output( Speaker&microphone) Optional                                                               |                                            |                                            |
|                       | Compression          | G.711 compression,support two-way audio intercom,support audio and video<br>synchronized output                               |                                            |                                            |
| Alarm                 | Types                | Motion Detection, Video Blind , Video Loss                                                                                    |                                            |                                            |
| Network               | WEB Browser          | Support WEB remote config( IE, Safari, Google Chrome, Firefox )                                                               |                                            |                                            |
|                       | Smart Phone          | mobile remote Monitoring (iPhone,Android)                                                                                     |                                            |                                            |
|                       | CMS Software         | Uniform CMS Software(multiple devices management system)                                                                      |                                            |                                            |
|                       | Case Analytics       | Case Software                                                                                                                 |                                            |                                            |
|                       | Network              | 1*RJ45,10/100M,Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP                                                                 |                                            |                                            |
|                       | ONVIF                | Support (ONVIF 2.4)                                                                                                           |                                            |                                            |
|                       | POE                  | Yes                                                                                                                           |                                            |                                            |
|                       | WIFI                 | N/A                                                                                                                           |                                            |                                            |
| General               | Language             | English, Finnish, French, German, Greek,Italian, Japanese, Polish, Portuguese,<br>Russian, Spanish, Thai, Chinese and Turkish |                                            |                                            |
|                       | IR Cut Filter        | Set of double light switch IR-CUT filter                                                                                      |                                            |                                            |
|                       | Lens Mount           | Fisheye Lens 1.7mm                                                                                                            | Fisheye Lens 1.1mm                         | Fisheye Lens 1.44mm                        |
|                       | Infrared Luminary    | 3pcs IR LED                                                                                                                   |                                            |                                            |
|                       | Infrared Wavelength  | 850nm                                                                                                                         |                                            |                                            |
|                       | Illuminate Distance  | 20m                                                                                                                           |                                            |                                            |
|                       | Waterproof Criterion | IP 66                                                                                                                         |                                            |                                            |
|                       | I/O Connector        | 1*DC Connector ,1* RJ45(10/100M Network), 1* RCA(Audio Input)                                                                 |                                            |                                            |
|                       | Supplied Voltage     | DC12V/PoE(802.3af/820.3at)                                                                                                    |                                            |                                            |
|                       | Power Consumption    | IR On: 600mA max., IR Off: Less than 200mA                                                                                    |                                            |                                            |
|                       | Working Environment  | -10°C~+60°C, 10%~90% (Built in heater optional for temps lower than -20°)                                                     |                                            |                                            |
|                       | Weight               | 1.0kg                                                                                                                         |                                            |                                            |