

## 2MP 20x Zoom Camera Module



**Functions:**

- Max Resolution: 4MP (2560\*1440) ,Output Full HD :2560\*1440@30fps Live Image
- Starlight Low Illumination, 0.0005Lux/F1.5(Color),0.0001Lux/F1.5(B/W) ,0 Lux with IR
- 25x Optical Zoom, 16x Digital Zoom

| Camera                                |  |
|---------------------------------------|--|
| Image Sensor                          | 1/1.8" Progressive Scan CMOS   |
| Minimum Illumination                  | Color:0.0005 Lux @ (F1.5, AGC ON); B/W:0.0001Lux @ (F1.5, AGC ON)  |
| Shutter                               | 1/25s to 1/100,000s; Support delayed shutter   |
| Aperture                              | DC drive   |
| Day/Night Switch                      | ICR cut filter   |
| Digital zoom                          | 16x  |
| Lens                                  |  |
| Focal Length                          | 6.7-167.5mm, 25x Optical Zoom  |
| Aperture Range                        | F1.5-F3.4  |
| Horizontal Field of View              | 57.9-3° (wide-tele)  |
| Minimum Working Distance              | 100mm-1500mm (wide-tele)   |
| Zoom Speed                            | Approximately 3.5s (optical, wide-tele)  |
| Compression Standard                  |  |
| Video Compression                     | H.265 / H.264 / MJPEG  |
| H.265 Type                            | Main Profile   |
| H.264 Type                            | BaselLine Profile / Main Profile / High Profile  |
| Video Bitrate                         | 32 Kbps~16Mbps   |
| Audio Compression                     | G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM  |
| Audio Bitrate                         | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/16-64Kbps(AAC)   |
| Image (Maximum Resolution: 2560*1440) |  |
| Main Stream                           | 50Hz: 25fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720) |
| Third Stream                          | 50Hz: 25fps (704 ×576); 60Hz: 30fps (704 ×576)   |

## Modules Series | CB425

|                          |   |
|--------------------------|---|
| Image Settings           | Saturation, Brightness, Contrast and Sharpness can be adjusted via the client-side or browse                    |
| BLC                      | Support   |
| Exposure Mode            | AE / Aperture Priority / Shutter Priority / Manual Exposure   |
| Focus Mode               | Auto Focus / One Focus / Manual Focus / Semi-Auto Focus   |
| Area Exposure / Focus    | Support   |
| Defog                    | Support   |
| Image Stabilization      | Support   |
| Day/Night Switch         | Automatic, manual, timing, alarm trigger  |
| 3D Noise Reduction       | Support   |
| Picture Overlay Switch   | Support BMP 24-bit image overlay, customized area   |
| Region of Interest       | ROI supports three streams and four fixed areas   |
| <b>Network</b>           |   |
| Storage Function         | Support USB extend Micro SD / SDHC / SDXC card (256G) disconnected local storage, NAS (NFS, SMB / CIFS support) |
| Protocols                | TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPv6  |
| Interface Protocol       | ONVIF(PROFILE S,PROFILE G)  |
| <b>Smart Calculation</b> |   |
| Smart Calculation        | 1T  |
| <b>General</b>           |   |
| External Interface       | 36pin FFC (Network port, RS485, RS232, CVBS, SDHC, Alarm In/Out Line In/Out, power)                             |
| Working Temperature      | -30°C~60°C, humidity≤95%(non-condensing)  |
| Power supply             | DC12V±25%   |
| Power consumption        | 2.5W MAX (ICR, 4.5W MAX)  |
| Dimension                | 117.3*57*69mm   |
| Weight                   | 415g  |

**This datasheet is subject to change without prior notice. Please contact us to get the latest datasheet.**