

# TS Megapixel Camera Module

Module

Megapixel Camera Module

- You can directly buy a camera module board from us and use your own camera case to install your camera.
- You can redesign the IE user interface or add your own logo to the module board.
- We Provide the SDK/API development kit and support ONVIF to enable you to input your secondary development in the camera module board.
- 1/3" Sony 1.3 Megapixel CMOS (TI365)
- 1/2.7" OmniVision 2.0 Megapixel CMOS (TI368)
- 1/2.8" Sony Megapixel CMOS (TI368)
- High performance DSP from TI
- Real time transport
- Simultaneous H.264, MPEG4 and MJPEG video compressions
- Supports WDR (Sony 035/036)
- Supports low light (0.01 Lux @ 30 fps)
- Finished products: need no further development

## Box Camera

**ISM3111**  
**ISM3121**  
**ISM3122**  
**ISM3131**



## Dome Camera

**ISM3311**  
**ISM3321**  
**ISM3322**  
**ISM3331**



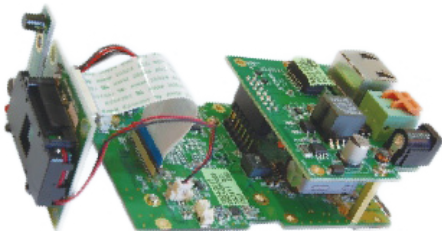
## Bullet Camera

**ISM3411**  
**ISM3421**  
**ISM3422**  
**ISM3431**



## Box Camera Module

**ISM2110**  
**ISM2120**  
**ISM2121**  
**ISM2130**



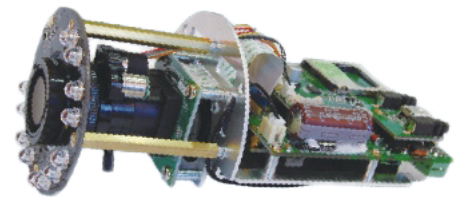
## Dome Camera Module

**ISM2310**  
**ISM2320**  
**ISM2321**  
**ISM2330**



## Bullet Camera Module

**ISM2410**  
**ISM2420**  
**ISM2421**  
**ISM2430**



## Specification

Model Name	ISM2110	ISM2310	ISM2410
	Sony 1.3 Megapixel CMOS WDR (box camera)	OmniVision 2 Megapixel CMOS (box camera)	Sony 3 Megapixel CMOS WDR (box camera)
	ISM2120	ISM2320	ISM2420
	Sony 1.3 Megapixel CMOS WDR 3.3 ~ 12 mm vari-focal (WDR indoor dome camera)	OmniVision 2 Megapixel CMOS 3 ~ 9 mm (indoor dome camera)	Sony 3 Megapixel CMOS WDR 3 ~ 9 mm vari-focal (indoor dome camera)
	ISM2121	ISM2321	ISM2421
	Sony 1.3 Megapixel CMOS WDR 3.3 ~ 12 mm vari-focal (WDR outdoor dome camera)	SOmniVision 2 Megapixel CMOS 3 ~ 9 mm (outdoor dome camera)	Sony 3 Megapixel CMOS WDR 3 ~ 9 mm vari-focal (outdoor dome camera)
	ISM2130	ISM2330	ISM2430
Sony 1.3 Megapixel CMOS WDR 3.3 ~ 12 mm vari-focal (WDR bullet camera)	SOmniVision 2 Megapixel CMOS 3 ~ 9 mm (bullet camera)	Sony 3 Megapixel CMOS WDR 3 ~ 9 mm vari-focal (bullet camera)	
<b>Development</b>	Provides the SDK/API development kit and support ONVIF		
<b>Day &amp; Night</b>	Yes		
<b>Image Sensor</b>	1/3" Sony IMX035 CMOS (TI 365)	1/2.7" OmniVision 2 Megapixel CMOS (TI368)	1/2.8" Sony IMX036 CMOS (TI368)
<b>Resolution</b>	1280 x 1024/1280 x 720/640 x 480/320 x 240/160 x 120	1920 x 1080/1280 x 720/640 x 480/320 x 240/160 x 120	2048 x 1536/1600 x 1200/1024 x 768/640 x 480/320 x 240/160 x 120
<b>Min. Illumination</b>	Color: 0.2 Lux @ F1.4; B/W: 0.01 Lux @ F1.4	Color: 0.2 Lux @ F1.2; B/W: 0.01 Lux @ F1.2	
<b>Video Compression</b>	MPEG4, MJPEG, H.264		
<b>Multiple Codec</b>	Yes		
<b>WDR</b>	Yes	N/A	Yes
<b>PoE</b>	Yes		
<b>Image settings</b>	AGC/flip/mirror/exposure time		
<b>2-way Audio</b>	G.711u 64 kbps/G.726 32 kbps		
<b>3GPP</b>	Yes		
<b>Motion Detection</b>	512 zones, Sensitivity: 0 ~ 100 %		
<b>Alarm Notification</b>	SD card recording, SMTP, FTP, HTTP, alarm output		
<b>Local Storage Device</b>	SD/SDHC card slot		
<b>Network Protocols</b>	IPv4, HTTPS, HTTP, TCP, UDP, RTP/RTCP/RTSP, DHCP, NTP, FTP, SMTP, UPnP, ICMP, ARP, DDNS, PPPoE, SAMBA, ONVIF		
<b>Multiple Languages</b>	Supports English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Portuguese, German, French, Polish, Czech, Swedish, Dutch, Finnish, Hungarian, Romanian, Turkish, Russian		
<b>Security</b>	Multi-level password protections, IP address filtering, HTTPS encryption, user access log		
<b>Max. Frame Rate</b>	1280 x 1024: 30 fps	Single profile 1920 x 1080: 30 fps Multi-profile 1920 x 1080: 20 fps	Single profile 2048 x 1536: 20 fps Multi-profile 2048 x 1536: 15 fps
<b>Digital I/O</b>	The IP box camera module Push-in: 1 x alarm input/1 x alarm output/1 x DC output (DC 12 V)/1 x ground/ 2 x RS-485. The IP outdoor mini dome camera module & the IP bullet camera module Push-in: 2 x digital input/2 x digital output/1 x DC output (DC 12 V)1 x ground		
<b>Pre-alarm Recording</b>	Yes (pre-alarm/post-alarm)		
<b>Firmware Update</b>	Yes (SD/HTTP)		
<b>Surveillance</b>	OS: Microsoft Windows 7/Vista/XP/2000; Real Player: 10.5 or higher; Web Browser: Mozilla Firefox, Internet Explorer 7.x or higher; Quick time: 6.5 or higher; Mobile phone: 3GPP player		
<b>Operating Conditions</b>	Indoor: 0 ~ 50 °C (32 ~ 122 °F); Outdoor: -40 ~ 50 °C (-40 ~ 122 °F) (PoE)		
<b>Power</b>	AC 24 V/DC 12 V/PoE (IEEE 802.3af)		
<b>Approval</b>	C-tick, CE, FCC, RoHS		
<b>Dimension (D x W x H)</b>	Box camera: 125 x 68 x 56 mm; Box camera module: 118.9 x 62 x 48 mm Indoor, outdoor dome camera: 150 x 150 x 123 mm ; Indoor, outdoor dome camera module: 107 x 72 x 122 mm Bullet camera: 226 x 97 x 92 mm; Bullet camera module: 156.5 x 74 x 68.3 mm		

\*Design and specifications are subject to change without prior notice.