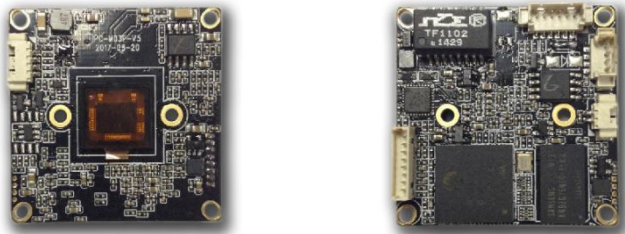


# S322H16C/S322H16CF

## 2.0 megapixel Low-light Single Board IP Camera Module, Hi3516C+ Sony IMX322

1/2.8" 2.0 Megapixels Progressive Scan Sony IMX322 CMOS, Hisilicon Hi3516C Chipset, the highest resolution of 1920\*1080, low illumination 0.01 Lux@F1.2 (color); 0.001 Lux@F1.2 (black and white ); 38 mm \* 38 mm single board; IR - CUT (day/night), adapt Box, Bullet, Dome and so on; H.264 video coding, double stream, ONVIF 2.4, be compatible many NVR and platform management software.



## Features

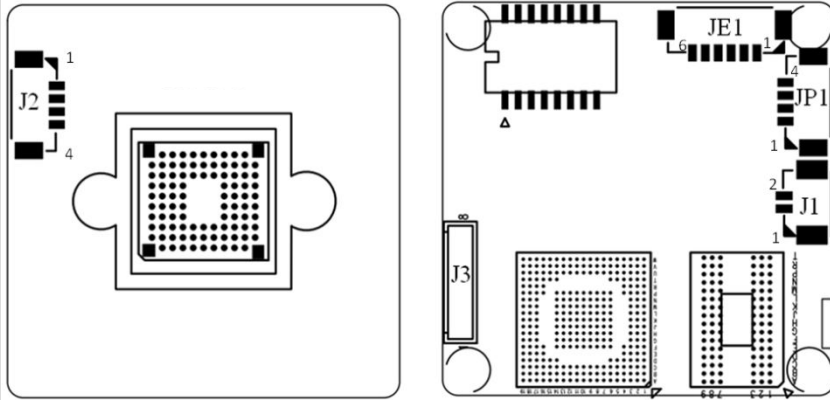
- > Hisilicon Hi3516C
- > 1/2.8" 2.0 Megapixels Progressive Scan Sony CMOS
- > Max 25/30fps@2.0 Megapixels (1920x1080, 1280x960, 1280x720)
- > H.264 & MJPEG dual-stream encoding
- > Adjustable digital WDR
- > 3D DNR
- > Privacy Mask, Motion Detection
- > Support Onvif 2.4 protocol

## Specifications

Model	S322H16C	S322H16CF
<b>Camera</b>		
Image Sensor	1/2.8" 2.0 megapixels Progressive Sony IMX322 CMOS	
CPU	Hisilicon 3516C	
Effective Pixels	1920(H)x1080(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto (1/25 ~ 1/10000s)	
Min. Illumination	0. 1Lux/F1.2 (Color), 0.01Lux/F1.2(B/W)	
S/N Ratio	≥50db(AGC OFF)	
<b>Camera Features</b>		
Day/Night	Auto(ICR)/Color/B/W	
WDR	Digital WDR	
White Balance	Auto	
Gain Control	Auto	
Noise Reduction	3D	
Privacy Masking	Up to 4 areas	
<b>Video</b>		

Compression	H.264/MJPEG	
Resolution	1080P(1920×1080)/960P(1280*960)/720P(1280×720)/D1(704×576)/VGA(640*480)/QVGA(320×240)	
Frame Rate	Main Stream	1080P/960P/720P (1 ~ 25/30fps)
	Sub Stream	D1/VGA/QVGA(1 ~ 25/30fps)
Bit Rate	32KB ~16Mbps, support VBR, CBR	
Text Overlay	Channel, Date & Time, Bit Rate	
<b>Network</b>		
Data Storage	Video record, Picture format	
Trigger	Manual, Automatic(motion detection, alarm, schedule, cycle )	
Alarm data transmission	FTP, E-mail, Browser, CMS	
Protocol	TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UPNP	
ONVIF	ONVIF 2.4	
Max. User Access	10 users, IE, Google, Firefox	
Smart Phone	Windows Mobile, iPhone, iPad, Android	
<b>Auxiliary Interface</b>		
Audio in	N/A	Support
Audio out	N/A	Support
BNC Video out	N/A	N/A
Memory Slot	N/A	N/A
USB	N/A	Support
Alarm in / out	N/A	N/A
Reset	N/A	Support
<b>General</b>		
Power Supply	DC12V / PoE (802.3af)	
Power Consumption	<3W	
Working Environment	-20°C~+55°C , Less than 90% RH	
Dimensions	38mm×38mm×15mm	
Weight	0.02kg	

## Connector

**JP1 Power Supply Connector**

1	DC12V
2	CMT_R
3	CMT_R
4	GND

**JE1 Network Connector**

1	RJ45_1
2	RJ45_2
3	RJ45_3
4	RJ45_6
5	Network Connected Light (green light)
6	Network Status Light (Yellow light)

**J1 IR-cut Connector**

1	IR-CUT Control Signal 5V
2	IR-CUT Control Signal 5V

**J2 IR Light Board Connector**

1	IR Light Board Power Supply (12V)
2	GND
3	IR Feedback Signal Input (0.8V-12V)
4	IC PWM Control

**J3 Functions Connector (J3 only for S322H16CF, S322H16CF haven't J3)**

1	Audio in
2	Audio GND
3	Audio out
4	Reset
5	GND
6	USB_DP
7	USB_DM
8	5V Power supply