

IPA300Z10 3MP 10X ZOOM IP Camera



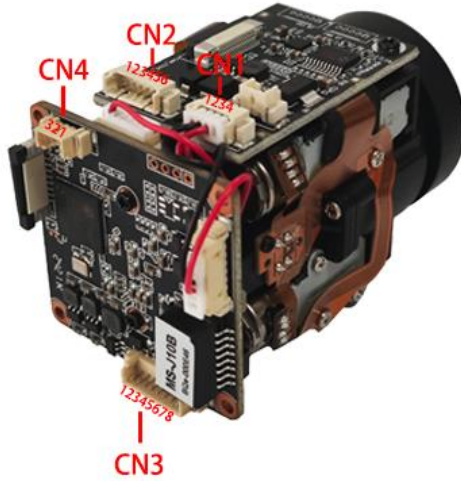
Key Features:

- 10X ZOOM LENS,5-50mm,F1.6-F2.5
- Using the SSC335 processing chip+SONY IMX307 CMOS
- The highest pixel is up to 3MP,2304x1296@25fps
- H.265 compression algorithm,effectively reducing network bandwidth,supporting dual stream,supporting mobile phone monitoring
- Support humanoid recognition to trigger SD card recording,SD card capture,voice alarm,message push,email alarm and other functions.
- support fog function,support WDR,HDR. Support strong light suppression function.
- Support humanoid recognition and humanoid alarm
- Support multiple network protocols:TCP/IP,HTTP,TCP,ICMP,UDP,ARP,IGMP,SMTP,FTP,DHCP,DNS,DDNS,NTP,UPNP,RTSP,RTMP,etc.
- Support ONVIF protocol,Hikvision protocol
- Support alarm picture sending E-Mail
- Support alarm picture upload FTP server
- Support alarm I/O
- Support timing capture pictures to FTP server
- Support static IP,also support dynamic IP (DHCP)
- Support P2P plug and play
- Support IE,Google,Firefox browser
- Provide motion detection(area,sensitivity can be set) alarm function
- Support Micro SD card function,support up to 128GB Micro SD card
- Support PC client to download SD card video
- Support mobile phone download and playback SD card recording

Technical specifications

Image Sensor	
Sensor	1/2.8" Sony IMX307 CMOS
Maximum Resolution	2304*1296 25fps,
Minimun illumination	Color:0.05Lux B/W:0.01Lux
Function	
WDR	73.7dB
S/N Ratio	≥50dB (AGC OFF)
Exposure Mode	Program mode,shutter mode
Shutter Speed	1/2 - 1/20,000s,Slow shutter support
D/ N Mode	Auto ICR filter fixed color,external
SHOR	
Focus Distance	5-50mm(F1.6-F2.5)
Compressed Format	
Video Compression	H.265 / H.264
Audio Compression	G.726/G.711
Image Resolution	
Main Stream	2304*1296,1080P,720P
Sub Stream	VGA,640*360,480*360,CIF
Storage	
SD Storage	TF card storage(optional)
General Protocol	
network protocol	TCP/IP,HTTP,ICMP,UDP,ARP,IGMP,SMTP,FTP,DHCP,NTP,RTSP,RTMP.
ONVIF protocol	Standard ONVIF
Network Interface	
wired	1ch 10/100Mbps,RJ45 interface
Other	
power supply	DC12V
Size	68x43x40mm
Work Temperature	-40 ° C ~65 ° C
Working humidity	10%-90% RH (non-condensing)

Interface Pin Definition:



CN1:

1:I/O-, 2:CDS, 3:TX+, 4:RX+

CN2:

1:C-TX, 2:C-RX, 3:D-TX (Pelco-d), 4:D-RX,
5:GND, 6:DC12V

CN3:

1:DC 12V, 2:GND, 3:RX-, 4:RX+, 5:TX-,
6:TX+, 7:LED1+, 8:LED2+

CN4:

1:Audio out, 2:Audio in, 3:GND

Interface	Pin	Pin name	Functional parameter
CN1	1	I/O	I/O
	2	CDS	CDS
	3	TX	TX
	4	RX	RX
CN2	1	C_TX	C_TX
	2	C_RX	C_RX
	3	D_TX	D_TX(Pelco-d,9600)
	4	D_RX	D_RX
	5	GND	GND
	6	VCC+	DC12V Input
CN3	1	VCC+	DC12V Input
	2	GND	GND
	3	TX+	Network receiving differential signal TX+
	4	TX-	Network receiving differential signal TX-
	5	RX+	Network receiving differential signal RX+
	6	RX-	Network receiving differential signal RX-
	7	LED1+	LED1+
	8	LED2+	LED2+
CN4	1	Audio_out	Audio_out
	2	Audio_in	Audio_in
	3	GND	GND