

Network/CVBS

ATC-HZ8930T-i

FHD 2MP High Resolution
30x Global Shutter IP Zoom Camera



features

- 1/3.1" Progressive Scan Global Shutter CMOS
- 360x AF Zoom
(30x optical zoom, 12x digital zoom)
- 1080p 30/25fps
- H.264 Main/Baseline Profiles
- Mechanical Day&Night
- True WDR
- 2D/3D DNR, DSS, BLC, DWDR, Defog
- PoE / 12VDC

1/3.1"

CMOS

30/25fps
FHD

1080p

30xAF

ZOOM



DNR



DSS



VIDEO



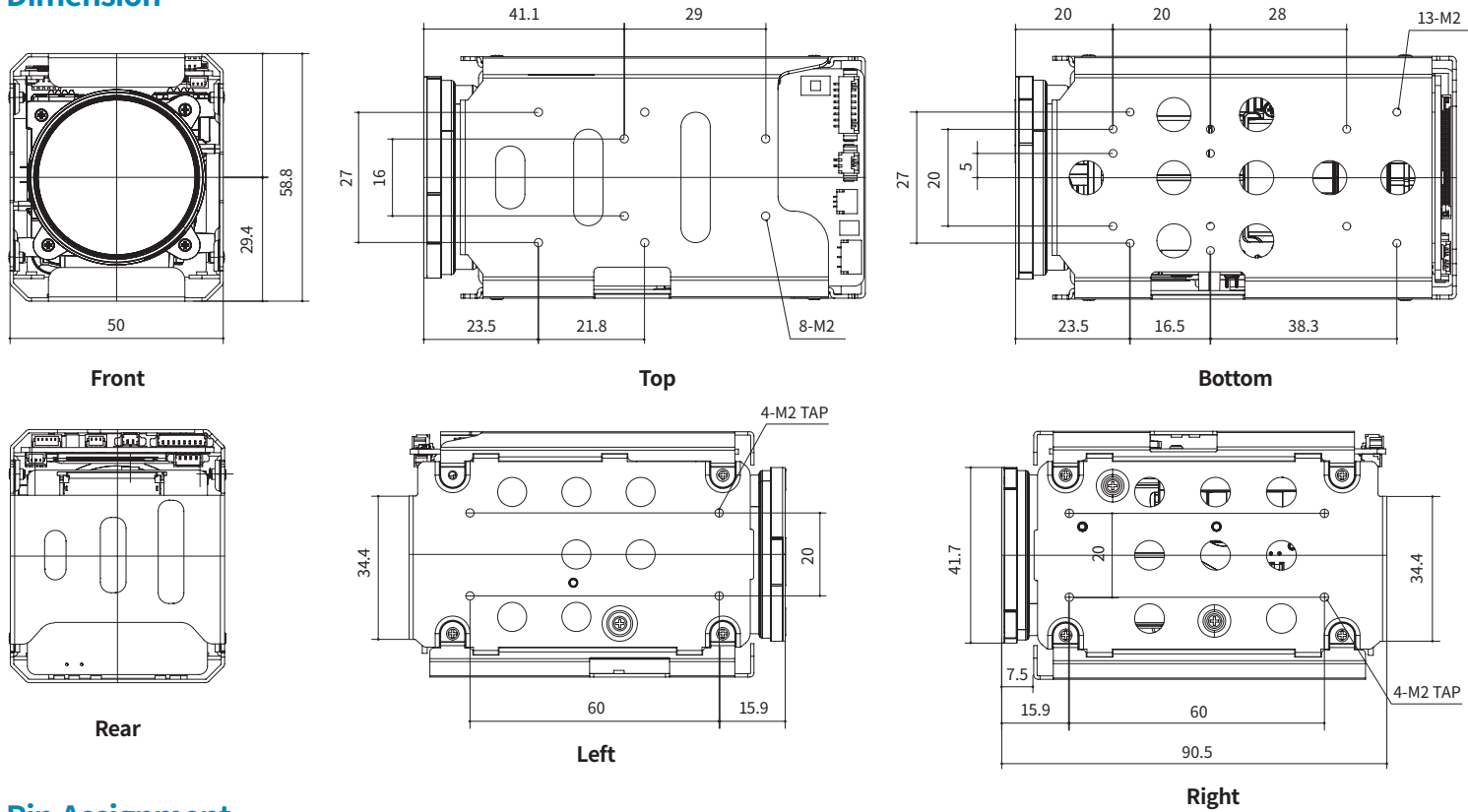
GLOBAL SHUTTER

Specifications

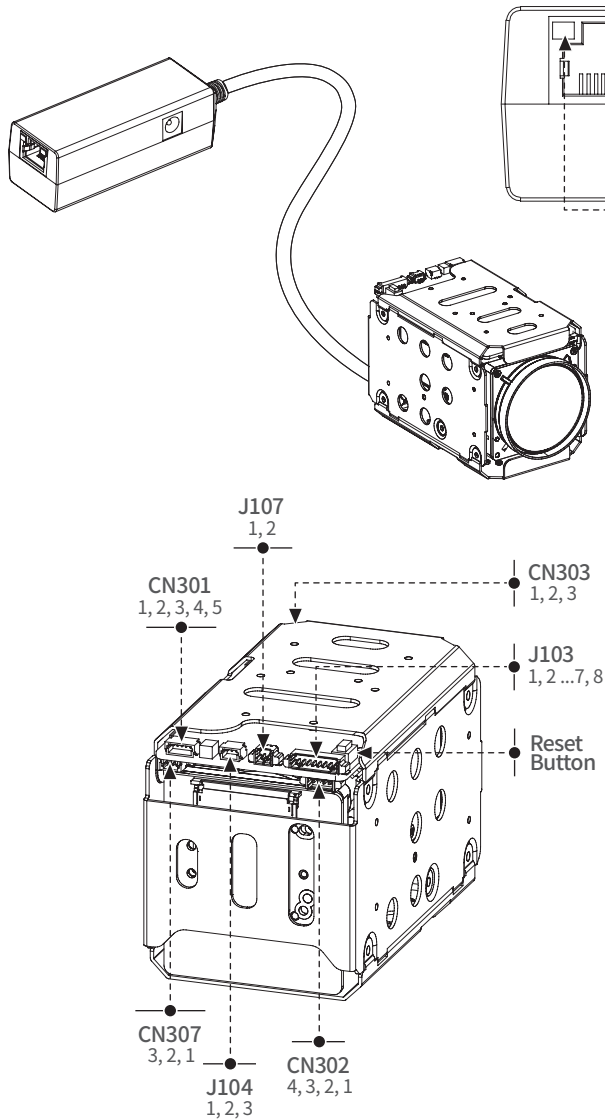
Image Sensor		1/3.1" Progressive Scan Global Shutter CMOS
Effective Pixels		3.2MP 2064(H) x 1552(V)
Scanning		Progressive scan
Min.Illumination		Day : 0.03Lux(F1.6), Night : 0.01Lux(F1.6/ ICR on) Sens-Up off, AGC48dB
S/N Rate		More than 52dB(AGC off, Sens-Up off)
Video Output	Network	Ethernet
	Analog	CVBS
Lens	Type	AF Optical zoom lens(DC Iris), IR Corrective
	Focal Length	f=4.3mm~129mm
	F-value	F1.6(W)~5.0(T)
	Angle of View	H57.21°(W)~2.05°(T), V44.06°(W)~1.56°(T)
White Balance		Auto/Indoor/Outdoor/One Push/ATW/Manual
Dynamic Range	Method	WDR
	Level(dB)	Off/On, Adjustable(Level: Low/Middle/High)
Electronic Shutter Speed		1/1, 1/2, 1/4(3), 1/8(6), 1/15(12), 1/30(25), 1/60(50)~1/30000
Auto Gain Control(AGC)		Max.48dB
Day&Night		Auto/Color(Day)/B&W(Night)/EXT-H/EXT-L
Digital Slow Shutter (DSS)		Off~32fields
Noise Reduction		2D, 3D DNR
Image Rotation		Off/Horizontal/Vertical/H+V(180° Flip)
Lens Distortion Correction (LDC)		-
Digital Image Stabilization (DIS)		Yes

Defog	Off/On(Low/Middle/High)
Network	10/100 Base-T Ethernet
Video Compression Format	H.264 (Baseline, Main), MJPEG
Video Resolution	1920x1080, 1280x720, 800x600, 704x480, 704x400, 640x480, 640x360, 320x240
Max. Frame Rate	H.264/MJPEG : Max. 30fps/25fps
Streaming Capability	Multiple Streaming(Up to 3 Profiles)
Streaming Method	Unicast
Bitrate Control	H.264 : CBR, VBR, CVBR
Max.User Access	5
IP	IPv4
Protocol	HTTP, UPnP, DNS, RTP/RTSP, TCP/IP, UDP, DHCP, RARP, NTP
Web Viewer	Internet Explorer, Edge, Chrome, Safari, Firefox, Opera
Web Browser Language	English
SW Integration API	Onvif, KT&C API
Color/Material	Black / Aluminum
Dimension(mm)	50x58.8x90.5mm
Weight	Approx.241g
Supply Voltage	12VDC(±10%), PoE(IEEE802.3af)
Power Consumption	12VDC(±10%) Max.480mA/ PoE(IEEE 802.3af, Class3) Max 5.5W
Operating Temperature	-10°C~+50°C(14°F~122°F), Humidity(Less than 90%)
Storage Temperature	-20°C~+60°C(-4°F~140°F), Humidity(Less than 90%)
Remark	

Dimension



Pin Assignment



Link/Activity LED

Yellow LED : Camera pin number 7(LED 1) : Speed

Speed	Pin State	LED Definition
10Base-T	High	OFF
100Base-TX	Low	ON

Green LED : Camera pin number 8(LED 0) : Link/Activity

Link/Activity	Pin State	LED Definition
No link	High	OFF
Link	Low	ON
Activity	Toggle	Blinking

Pin no.	CN301(Trigger & Strobe) / JST : SM05B-SRSS-TB
1	Trigger_Common
2	Trigger_IN
3	Strobe_Common
4	Strobe_OUT
5	GND

Pin no.	CN302(CVBS_AD-KEY) / Molex : 53261-0471
1	POWER IN: +12VDC
2	GND
3	VIDEO: CVBS Output
4	AD_KEY

Pin no.	CN303(External D&N) / JST : SM03B-SRSS-TB
1	Ext_D&N: External D&N Input
2	GND
3	+3.3V Out(For sensor)

Pin no.	CN307(ISP_RS-232 TTL) / JST : SM03B-SRSS-TB
1	GND
2	RXD: CMOS 3.3V Read Data
4	TXD: CMOS 3.3V Send Data

Pin no.	J103(Ethernet Interface) / Molex : 53261-0871
1	DC12V_IN
2	ETH_TX+
3	ETH_TX-
4	ETH_RX+
5	ETH_RX-
6	GND
7	LED1 (Speed)
8	LED0 (Link/Activity)

Pin no.	J104(SoC_RS-232TTL) / JST : SM03B-SRSS-TB
1	GND
2	RXD: CMOS 3.3V Read Data
3	TXD: CMOS 3.3V Send Data

* To Be Determined

Pin no.	J107(Alarm_Out) / Molex : 53261-0271
1	Alarm_OUT+
2	Alarm_OUT-

* To Be Determined