

ATC 2MP High Resolution 40x Global Shutter Zoom Camera

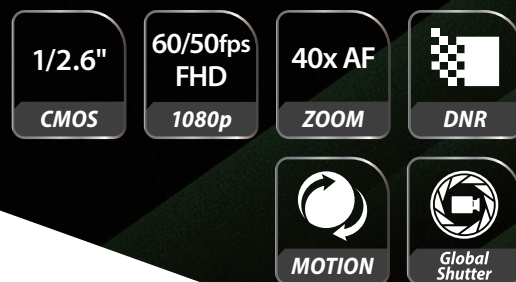
HZ8340T-LTA

LVDS / HD-SDI / EX-SDI(V1.0/ V2.0/ V2.1) /3G-SDI(*) / CVBS / TVI / AVI



Features

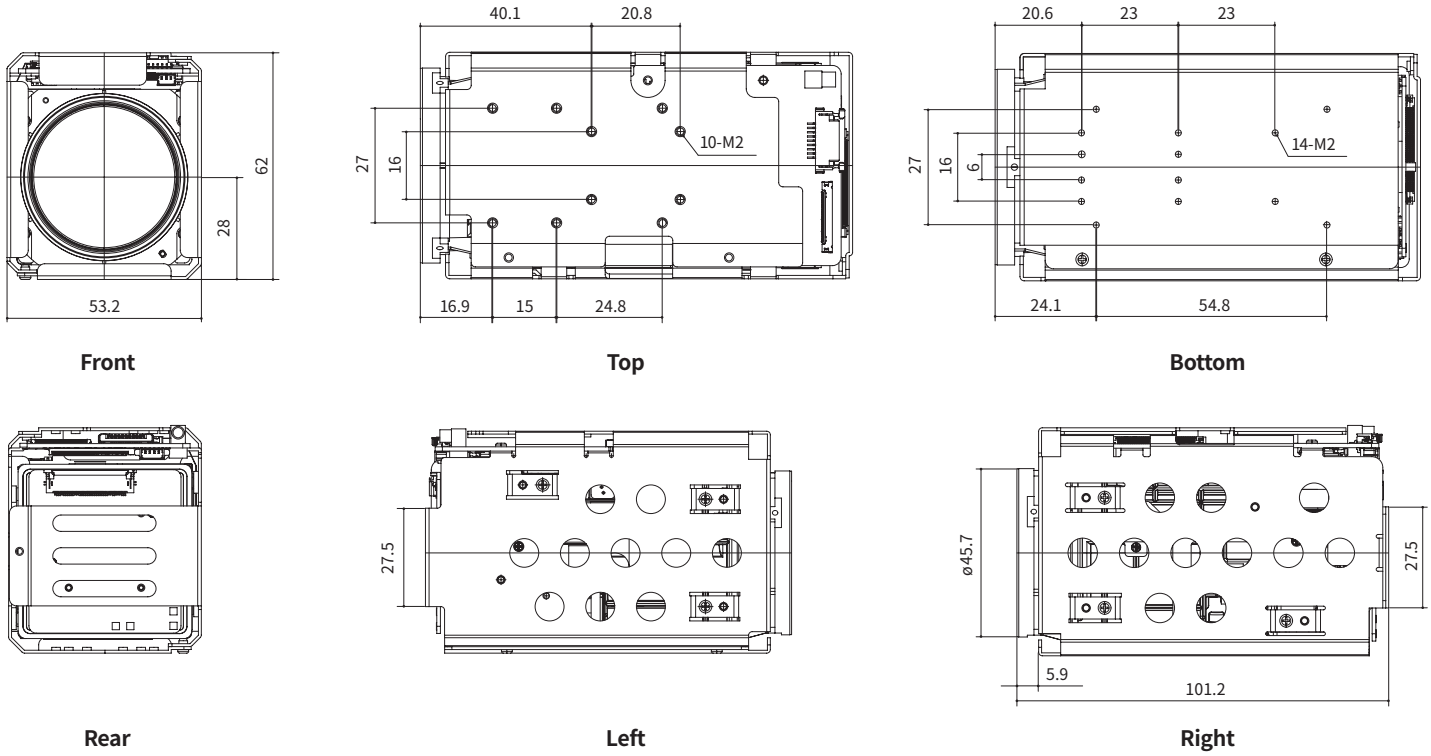
- 1/2.6" Progressive Scan Global Shutter CMOS
- 480x AF Zoom (Optical 40x, Digital 12x)
- 1080p 60/50/30/25fps,
720p 60/50/30/25fps, 1080i 60/50fps
- Mechanical Day&Night
- True WDR
- 2D/3D DNR, Defog, DIS
- UART (VISCA, PELCO-D/P/C)



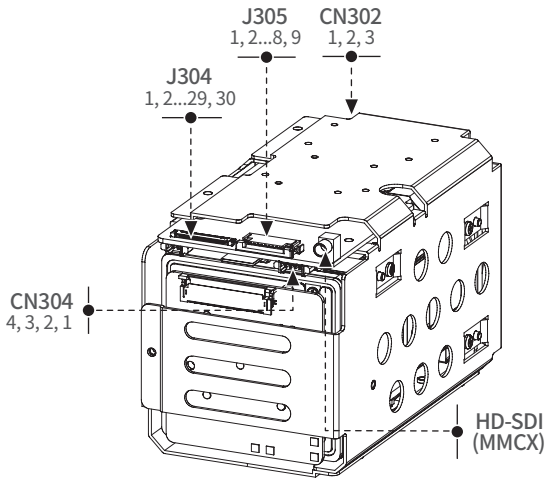
Specifications

Image Sensor		1/2.6" Progressive Scan Global Shutter CMOS
Effective Pixels		2.3MP 1920(H) x 1200(V)
Video Output Mode	Common	HD-SDI/EX-SDI(V1.0/V2.0/V2.1)/3G-SDI(*)/CVBS
	AVI/TVI/LVDS	AVI/TVI/LVDS
Max. Video Resolution		HD-SDI/LVDS/EX-SDI/3G-SDI(*):1080p@60(50fps) TVI/AVI:1080p@30(25fps)
Synchronization system		Internal
Min.Illumination		Day : 0.5Lux(F1.6), Night : 0.3Lux(F1.6/ ICR on) Sens-Up off, AGC36dB
S/N Rate		More than 55dB(AGC off, Sens-Up off)
Lens	Type	AF Optical zoom lens(DC Iris), IR Corrective
	Focal Length	f=4.25mm~170mm
	F-value	F1.6(W)~F4.95(T)
	Angle of View	H 67.4°(W)~2.0°(T), V 40.59°(W)~1.2°(T)
Zoom ratio		Optical 40x / Digital 12x
Focus Min.Working Distance		0.01m(Wide)/3m(Tele)~∞
Focus Control		Auto/Interval/One Shot/Manual/Preset
AE Mode		Auto/Iris Priority/Shutter Priority/Manual
Brightness		1~20
Manual Shutter		1/1, 1/2, 1/4(3), 1/8(6), 1/15(12), 1/30(25), 1/60(50)~1/30000
Manual Iris		F1.6~F19, Close
Sense-up		Off~32fields

Dimension



Pin Assignment



(*1) TXD/RXD

- 5 V : Default level
- 3.3 V : Available on request (factory option)
- RXD input : Accepts both 5 V and 3.3 V signals (tolerant)

Jack	SDI Output connector / MMCX Jack Connector
------	--

Pin no.	CN302(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.	CN304(TVI/AVI) / Molex: 53261-0471
1	POWER IN: +12VDC
2	GND(DC12V)
3	TVI/AVI Output (Select On OSD)
4	GND(TVI/AVI)

Pin no.	J305(TVI/AVI) / Molex: 52207-0985
1	Default GND (Optional: AD key)
2	TVI/AVI Output (Select On OSD)
3	GND
4	CVBS Output
5	GND
6	+12VDC
7	GND
8	TXD(*1) : 5.0V(option 3.3V)
9	RXD(*1) : 5.0V(option 3.3V)

Pin no.	J304(Micro Co-Axial) / KEL Co.USL00-30L-A
1	TX_OUT3+
2	TX_OUT3-
3	TX_CLKOUT+
4	TX_CLKOUT-
5	TX_OUT2+
6	TX_OUT2-
7	TX_OUT1+
8	TX_OUT1-
9	TX_OUT0+
10	TX_OUT0-
11	GND
12	TXD(*1) :