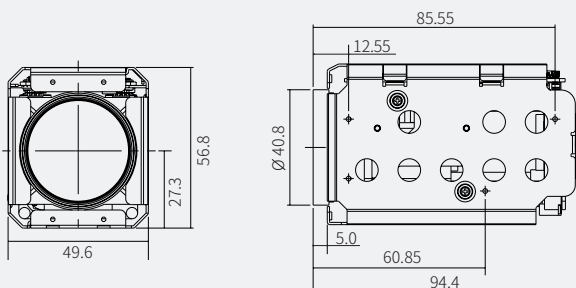


Zoom Camera

ATC-HZ7820M-LA

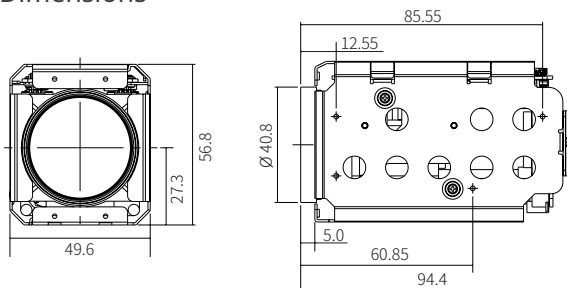
- 1/2.8" R Progressive Scan CMOS
- 240x AF Zoom(20x optical zoom, 12x digital zoom)
- 1080p 60(50fps)
- Mechanical Day&Night
- True WDR
- 3D DNR, Defog
- UART RS232-TTL(Pleco-D, Pelco C, VISCA, Hitachi)



Zoom Camera

ATC-HZ7820M-LA

Dimensions



Specifications

Image Sensor	1/2.8" Progressive Scan CMOS	
Effective Pixels	2.13MP 1945(H) x 1097(V)	
Video Output mode	Main : AHD/LVDS, Sub : HD-SDI/EX-SDI(V1.0)/CVBS	
Max. Video Resolution	HD-SDI/EX-SDI/LVDS:1080p@60(50fps), AHD:1080p@30(25fps)	
Synchronization system	Internal	
Min.Illumination	Day mode: 0.06Lux(F1.5) Night mode: 0.04Lux(F1.5/ IR-cut filter on) DSS OFF, AGC28dB	
S/N Rate	More than 52dB(AGC off, DSS off)	
Lens	Type	AF Optical zoom lens(DC Iris), IR Corrective
	Focal Length	f=5.0mm~100mm
	F-value	F1.5(W)~3.2(T)
	Angle of View	Horizontal 58.5°(W)~3.0°(T), Vertical 33.2°(W)~1.7°(T)
Zoom ratio	Optical 20x / Digital 12x	
Focus Min.Working Distance	0.01m(Wide)/1.0m(Tele)~∞	
Focus Control	Auto/Manual/Interval/One Shot/Presets	
AE mode	Auto/Shutter Priority/Iris Priority/Manual/Bright	
Brightness	0~14	
Manual Shutter	x32~x2(Low shutter), 1/30(25), 1/60(50)~1/30000	
Manual Iris	F1.6~F19, Close	
Sense-up	Off~32fields	
ETC	Spot AE, Slow AE	
D&N Mode	Auto/Day(Color)/Night(BW)/External-H or L	
White Balance	AUTO/ATW/Indoor/Outdoor/Push/Manual	
Image Freeze	Off/On	
Image Flip	Off/Horizontal/Vertical/H+V(180° Flip)	
Privacy Mask Zone	16 Zones/14 mask color selectable, semi-transparency	
Digital Image Stabilization	Yes	
Motion Detection	4 Zones	

D-WDR	Off/Low/Middle/High	
WDR	Off/Low/Middle/High	
BLC	Off/On, Area selectable	
HLC	Off/0~20, Color selectable	
AGC	Max.58dB	
Sharpness	Adjustable(0~15)	
3D-DNR	On/Off(1~5)	
2D-DNR	Auto/Manual	
Defog	Off/Low/Middle/High	
Preset Position	256 position Presets(Zoom,Focus), 16Memory Presets, Custom Preset	
Language	English,Japanese,Russian,Spanish,German,France, Portuguese,Chinese	
UART	Remote	RS232 TTL +5.0V(+3.3V compatible)
	Protocol	VISCA/Pelco-D/Pelco-P(Automatic detection)
	Baud rate	2400/4800/9600/19200/38400/57600/115200bps
UTC	AHD-UTC	
Supply Voltage	12VDC(9V to 15VDC)	
Power Consumption	Max.5.2W / Non-working zoom&focus 3.0W	
Dimension(mm)	49.6X56.8X94.4mm	
Weight	Approx.220g	
Operating Temperature	-10°C~+50°C, Humidity(20~80%)	
Storage Temperature	-20°C~+60°C, Humidity(20~95%)	
Support Video Output	-	