

D8XX Series Module

Items		Technical specifications		
		D880 (DLC384)	D880 (DLD384)	D840 (DLD640)
Detector characteristics	Detector type	Uncooled FPA micro bolometer		
	Array size	384x288		640x480
	Pixel	25um	17um	17um
	Spectral range	8 ~ 14um		
	Temp control	TEC		
	NETD	≤60mK (f/1,300K,25-50Hz)		
	Thermal time constant	≤5ms		
Image characteristics	Frame rate	50Hz		
	Display resolution	768x576		640x480
	Analog video output	PAL		
	Digital Video(optional)	14-bit		
	Gain/Brightness adjustment	Manual brightness/gain ; auto brightness/manual gain ; auto brightness/gain		
	Digital zoom	x2		
	Calibration	Manual and Auto		
System characteristics	Communication Protocol	Dali-protocol		
	Image Enhancement	YES , enhance the ability to detect the small object		
	Image Filter	YES , Digital filter		
	Polarity inversion	White/black hot mode		
Power supply	External power	DC 5V±0.2V		
	Power consumption	≤1.5W(normal atmospheric temp)		≤2W(normal atmospheric temp)
Electrical interface	Power interface	YES		
	Analog video output	YES		

	Digital Video output (optional)	YES
	Serial port	TTL 3.3V
Environment	Operation temperature	-15°C~ +50°C (Can expanded to -40°C~ +60°C)
	Storage temperature	-40°C~ +70°C
	Humidity	5~95% , Non condensing
physical characteristics	Size (mm)	W40mm× H41mm× D35mm
	Weight	≤76g (including housing、 shutter)
	Lens mount interface	M34×0.75 ;screw thread
	Mechanical interface	2×M3 (four sides) ;screw hole
	Electrical connector	26 pins connector(including cable)

Dimension

