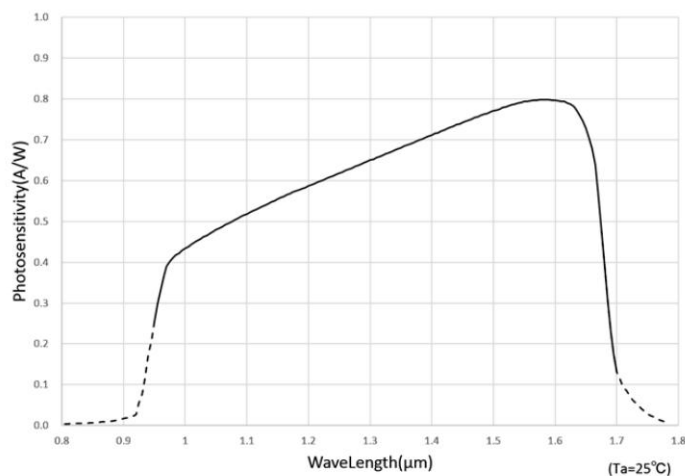




## 数据参数

	ARTCAM-L512TNIR	ARTCAM-L256TNIR
Sensor Type	InGaAs linear Image Sensor	
Number of effective pixels	512	256
Resolution	512	256
Active Imager Size	12.8(H)x0.025(V)mm	12.8(H)x0.05(V)mm
Scan Mode	Line Scan	
Pixel Size	25(H)x25(V) $\mu$ m	50(H)x50(V) $\mu$ m
Detected Wavelength	950~1700nm	
scan/sec	8150Hz	14000Hz
Pixel Rate	5MHz	
Sensitivity	0.82 A/W	
Full Well Capacity	2800Ke-	
A/D Resolution	14bit	
Interface	USB3.0 Bulk Transfer	
Synchronization System	Internal Synchronization / External Trigger Synchronization	
Lens Mount	C Mount	
External I/O terminal	HR10A-7R-6S(73) (HIROSE)	
Power	DC12V	
Power Consumption	Under Approx.5W	
Ambient Conditions	Operating Temperature/Humidity : 0~35° C/10~80%(Non condensing) Storage Temperature/Humidity : 0~60° C/10~95%(Non condensing)	
External Dimensions	71.6(W)x61.5(H)x51.5(D)mm *Lens, tripod and cables not included	
Weight	About 237 g	About 237 g

## 量子效率



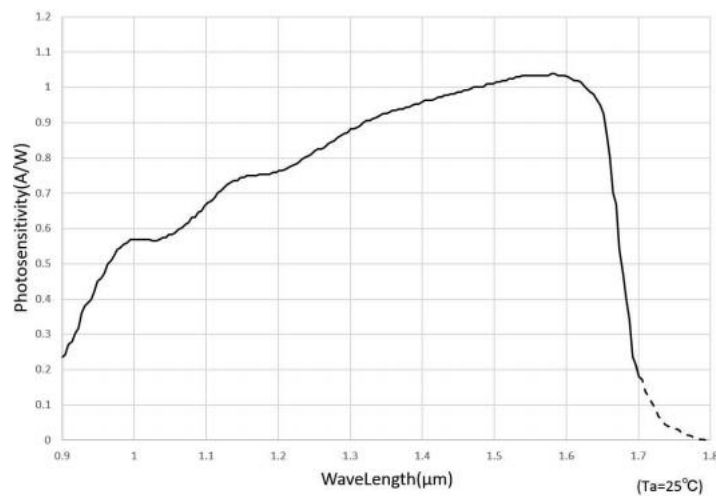
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## 数据参数

Items	ARTCAM-L1024DTNIR	ARTCAM-L1024DBTNIR
Sensor Type	G10768-1024D	G10768-1024DB
Model Number	InGaAs Linear image sensor	
Active Pixels	1024	
Active Image Size	25.6(H) × 0.1(V)mm	25.6(H) × 0.025(V)mm
Scanning Mode	Line scan	
Pixel Size	25(H) × 100(V) μm	25(H) × 25(V) μm
Wavelength	900 ~ 1700nm	
Line Rate	≈31.446kHz (max.)	
Data Rate	5MHz	
Saturation Capacity	0.25pC (Standard Value)	
A/D Resolution	14bit	
Interface	USB3.0 Bulk Transfer	
Synchronization Method	Internal Synchronization (Master mode) External Synchronization (trigger mode)	
Lens Mount	F Mount	
External I/O terminal	HR10A-7R-6S(73) (HIROSE)	
Power-supply Voltage	12.0V (±0.5V)	
Power Consumption	Approx. 6W	
Ambient Conditions	Operating Temperature / Humidity: 0 ~ 35° C / 10 ~ 80% (Non-water vapor condensation state) Storage Temperature / Humidity: 0 ~ 60° C / 10 ~ 95% (Non-water vapor condensation state)	
External Dimensions	71.6(W) × 61.5(H) × 109.5(D) mm ※Exclude lens, tripod mount and projections	
Weight	Approx.400g ※Exclude lens, tripod mount and projections	

## 量子效率



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