

WO-S1903 Micro-Link Product Technical Specification

Model	WO-S1903
Detector performance	
Type of detector	Domestic Color HD CMOS
Resolution	1920×1080 ;
Dimensions	3 um 3
Illumination	F1.2 aperture ,0.001 Lux
Response band	0.4-0.9 um
Image processing	
Boot time	S ≤3
Boot interface	Customizable
Image amplification	x-4x 1
Frame frequency	1920 x1080p@25/30/50/60fps Switching
Image	Color/black/white switch
Cross	Display / blanking / moving
Sharpness	(3) Adjustable
Gain	Manual/automatic adjustable
Digital noise reduction	Yes
Brightness, contrast, saturation	Adjustable
Image enhancement	(4) Adjustable
Exposure time	Adjustable
Electronic penetration	Low, medium and high three-block adjustment
Program Upgrade Interface	Yes
Wide dynamic	Yes
Self-examination function	Power-up self-inspection/order self-inspection
Startup time	s ≤3
Image Display	
Communication interface	UART TTL
Output image	Customized development supported, output: BT1120,BT601,RGB888
	Driver OLED Display
Power supply	
Operating voltage range	3.3 v-5v
Typical operating voltage	v 5
Power consumption	W ≤2
Reverse protection	Yes
Overdue protection	Yes
Environmental parameters	
Working temperature	−40°C ~ +60°C
Working humidity	0~80 RH
Storage temperature	−45°C ~ +85°C

Storage humidity	0~95 RH per cent
Shock Impact	
Vibration	GJB 150-16 2.3.1
Impact	GJB 150-18 test 7 100 g/6ms
Physical parameters	
Weight (excluding lens)	$g \leq 20$
Size (excluding lens)	40 mmx40mmx15mm