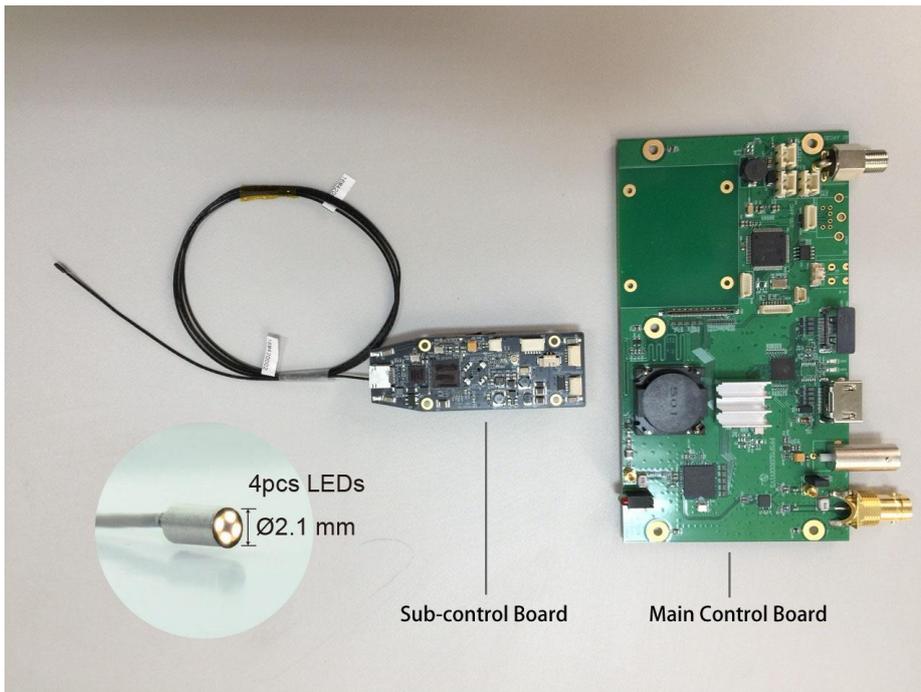


Endoscope

1/18" Flexible Endoscope Kit for Industrial & Medical



Overview

SEU-A8 camera kit provides highest image quality for under 2.1mm diameter ultra small size. Equipped with professional sub-control board & main control board for industrial & medical endoscope camera application

Key Features

- Ultra miniature camera head under \varnothing 1.0~1.6mm w/o LED or \varnothing 2.1mm with 4pcs LEDs
- High resolution and frame rate: 600 x 600 @ 60fps
- Professional image setting Push lock, AGC, Brightness, Sharpness, Saturation, Defog
- Maximum up to 1.5 meter cable length suitable for various endoscope product
- Sub-control board provide HD-SDI & CVBS dual output
- Provide front LEDs or fiber light source optional & light level control function
- Main control board video output 1080P at 60fps
- Main control board with multi-signal output: HDMI x2 (1080P/60fps), HD-SDI (1080P at 60fps) & CVBS x1
- Main control board with RS-485 & RS-232 interface control

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Dimensions

Camera Module	Model	Type A: 1.2mm w/o LEDs	Type B: 1.6mm w/o LED	Type C: Ø 2.1mm with LEDs
	Image Size	1 x 1 mm		
	Camera Head Size (Ø x length)			
	Lens (FOV)	90 or 120° Optional	120°	120°
	Sensor Connector	4 pin		
	Cable Length	up to 1.5 Meter		
	Power Supply; Consumption	3.3V		
	Operation Temperature	0 to 40° C		
Sub-Control Board	Input Connector	12pin mini USB B Type		
	OSD Menu	Local or Remote from Main Control Board		
	Electronic Shutter	Auto: (1/30 - 1/30,000 sec)		
	Auto Gain Control	0-62 Steps		
	White Balance	Push Lock / Manual		
	Image Setting	Brightness, Sharpness, Saturation, Defog		
	OSD Language	English, Japanese, Simplified Chinese, Tradition Chinese, Others Customized Language available		
	LEDs light Level Control	Yes		
	Power LEDs	Front end LEDs or Back end LEDs available optional		
	OSD Control Button	Optional		
	Push Control Button	Optional		
	Control I/O	RS-232		
	Power Supply; Consumption	DC12V / 70mA		
	Operation Temperature	0 to 50° C		
Dimension	27 x 76.5mm			
Main-Control Board	Video input; Connector	HD-SDI; MMCX Connector		
	OSD Setting	White Balance, Brightness, Sharpness, Saturation, Defog, AGC & LEDs light level Setting		
	Control I/O	RS-485 & RS-232		
	Video Output	HD-SDI (1080P/60) x 1; HDMI (1080P/60fps) x 2; CVBS x1		
	Power Supply; Consumption	DC12V; 350mA		
	Operation Temperature	0 to 50° C		
	Dimension	80 (Vertical) x 146 (Horizontal) mm		

*Specifications are subject to change without notice. 170731