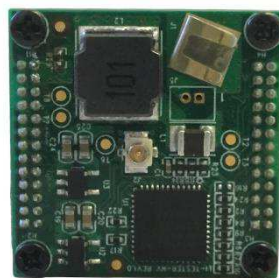
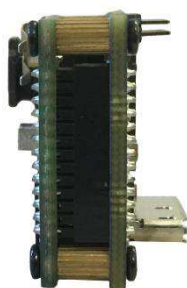


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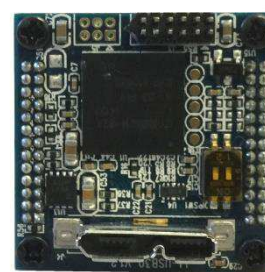
LI-TESTER-NV



Front View

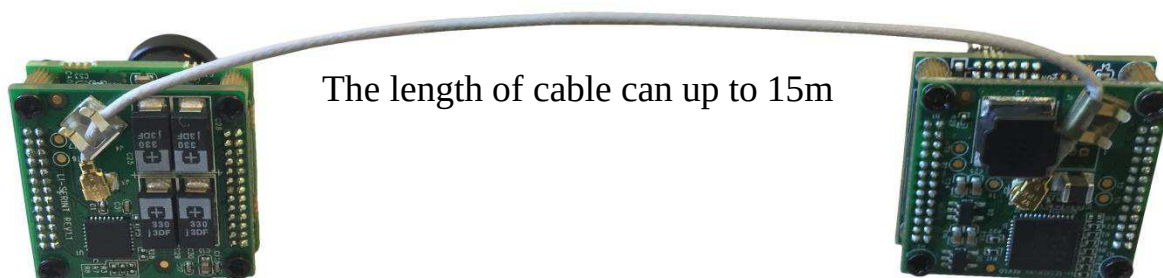


Side View



Back View

LI-OV10640-490-SER can connect to USB 3.0 EVA module LI-TESTER-NV as a USB 3.0 camera. Part#: **LI-USB30-OV10640-490-SER**



The length of cable can up to 15m

Key Features

- USB 3.0 Super Speed support
- YUV output without compression
- UVC compliance
- Provide customization services
- USB +5VDC powered device
- Support WDR
- Weight: 30 g
- Single Coax Cable transmit up to 15 meter PoC(Power over Cable)

SDK Supported

- Camera Tool Source Code in C#
- Capture & Display



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LI-USB30-OV10640-490-SER SPEC

General Behavior		
Video Resolution @ Frame rate		1280 x 1080 @ 30 fps
Sensitivity		TBD
Dynamic range		TBD
Interface (Optical)		
IR cut filter (on lens)		Yes, 650nm IR cut filter
Sensor specification		OmniVision CMOS 1.3MP HDR Sensor OV10640
Shutter		Rolling
Format		1/2.56”
Resolution		H:1280, V:1080
Pixel size		H:4.2 um, V:4.2 um
WDR		Support WDR (Wide Dynamic Range)
Lens mount		M12 lens mount support
ISP		OV490
Interface (Electrical)		
Interface		USB 3.0
Supply voltage		USB 3.0 +5 VDC power source
Current consumption		Approx. 425 mA at 5 VDC
Interface (Mechanical)		
Dimensions	LI-OV10640-490-SER	L: 26 mm, W: 26 mm, H: 35 mm
	LI-TESTER-NV	L: 26 mm, W: 26 mm, H: 12 mm
Mass (two modules)		30 g
Adjustment (Manual)		
Shutter		TBD
Gain		TBD
Adjustment (Auto)		
Shutter		TBD
Gain		TBD
Environmental		
Max. temperature (operation)		0 °C ~ 50 °C (32 °F~ 122 °F)
Max. temperature (storage)		-20 °C ~ 80 °C (-4 °F~176 °F)
Max. humidity (operation)		20 % ~ 80 %, relative, non-condensing
Max. humidity (storage)		20 % ~ 80 %, relative, non-condensing



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