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# Mightex Non-Buffer USB Camera Din8 Connector Description

Version 1.0.0

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## Relevant Products

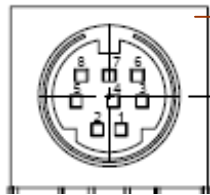
Part Numbers
MCN-B013-U, GLN-B013-U, MLE-B013-U, MCE-B013-U, MCN-C013-U, GLN-C013-U, MLE-C013-U, MCE-C013-U, MCN-C013-U, GLN-C013-U, MLE-C013-U, MCE-C013-U MCN-B013-US, GLN-B013-US, MLE-B013-US, MCE-B013-US, MCN-C013-US, GLN-C013-US, MLE-C013-US, MCE-C013-US, MCN-C013-US, GLN-C013-US, MLE-C013-US, MCE-C013-US



Mightex USB enclosed camera is with two connectors, one is the standard USB 2.0 Type B connector, and the another one is a 8 pin Din connector as following:

(The following figure is the **receptacle of the 8pin connector on the camera module**)

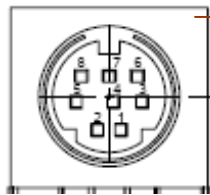
For **MCE**, it's enclosed camera, the GPIO is provided via the 8 pin mini din connector:  
*\*The following figure is the receptacle on the camera module*



- Pin1 : VCC (5.0V), capable of outputting 250mA current.
- Pin2 : GND
- Pin3 : External Trigger In
- Pin4 : GPIO1
- Pin5 : Strobe Out
- Pin6 : GPIO2
- Pin7 : GPIO3
- Pin8 : GPIO4

**LED Driver** (for module **MLE**):

*\*The following figure is the receptacle on the camera module*



- Pin1 : VCC (5.0V), capable of outputting 250mA current.
- Pin2 : GND
- Pin3 : External Trigger In
- Pin4 : LED1
- Pin5 : Strobe Out
- Pin6 : LED2
- Pin7 : LED3
- Pin8 : LED4

Please pay attention that the pin layout above is for the receptacle on the module, the Din 8 connector mates with it has the reversed pin layout.

The cable provided by Mightex in the camera package has the following color mark for each pin:

Pin	Signal Description	Color
Pin1	VCC	BLACK
Pin2	GND	DEEP BROWN
Pin3	Triggin In	RED
Pin4	GPIO1/LED1	LIGHT BROWN
Pin5	Strobe Out	YELLOW
Pin6	GPIO2/LED2	GREEN
Pin7	GPIO3/LED3	BLUE
Pin8	GPIO4/LED4	PURPLE