Micro B USB 3.0 Connector

The camera uses the USB 3.0 interface and is fully compatible with the USB 3.0 standard.

Table 3: USB 3.0 Interface Connector micro B

Pin No.	I/O	Signal	Function
1	-	VBUS	Power
2	I/O	D-	USB 2.0 differential pair
3	I/O	D+	USB 2.0 differential pair
4	I/O	ID	DPWR
5	-	GND	Ground
6	I/O	SSTX-	Super speed transmitter differential pair
7	I/O	SSTX+	Super speed transmitter differential pair
8	-	GND	Ground for signal
9	I/O	SSRX-	Super speed receiver differential pair
10	I/O	SSRX+	Super speed receiver differential pair
shell	-	GND	shield

Auxiliary I/O Connector

The camera has an 8pin connector to connect digital IO

Table 4: Auxiliary I/O Connector pin assignment

Pin No.	I/O	Signal	Function
1	I	LINE 0	Trigger Input
2	I	LINE 0 GND	Trigger Input GND
3	O	LINE 1	Strobe 1 Output
4	O	LINE 1 GND	Strobe 1 Output GND
5	I/O	GPIO 1	(optional)
6	I/O	GPIO 2	(optional)
7	I/O	GPIO 3	(optional)
8	-	GND	Power GND