



Allied Vision I/O cables are manufactured in accordance with the CE standard 2004/108/EC and its underlying directions.

**RoHS**

Allied Vision I/O cables comply with the requirements of the EU directive 2011/65/EU (RoHS).



We declare, under our sole responsibility, that the described Allied Vision I/O cables conform to the directives of UL20276.

**Contacting Allied Vision**

**Ordering and general information:**

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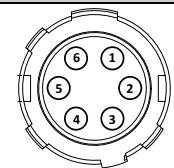
**Trigger cable configuration**

Part number	Legacy Part number	Camera connection	Pins	Peripherals connection	Length [m]
9436	-	Hirose female	6	Open end	2.0
9437	-	Hirose female	6	Open end	5.0
9438	-	Hirose female	6	Open end	10.0
K1200196	-	Hirose female	8	Open end	2.0
K1200197	-	Hirose female	8	Open end	5.0
2814	K1200191	Hirose female	12	Open end	2.0
2815	K1200292 02-6033A 02-6031A	Hirose female	12	Open end	3.0
2817	K1200193	Hirose female	12	Open end	5.0
2818	K1200194	Hirose female	12	Open end	10.0
2814	K1200191	Hirose female	12	Open end	2.0
2789	02-6032A	Hirose male	12	Open end	3.0
2790	-	Hirose male	12	Open end	5.0
2791	-	Hirose male	12	Open end	10.0
K1200301	-	PicoBlade	13	Open end	3.0
K1200302	-	PicoBlade	13	Open end	5.0
2792	02-6041A	Mini-D shell	14	Open end	3.0
2793	-	Mini-D shell	14	Open end	5.0
2794	-	Mini-D shell	14	Open end	1.0
Trigger cable (only connected to Trigger IN 1)					
K1200229	-	Hirose female	8	Open end	10.0
K1200267	-	Hirose female	12	BNC	2.0
K1200252	-	Hirose female	12	BNC	5.0
K1200240	-	Hirose female	12	Open end	2.0
K1200244	-	Hirose female	12	Open end	10.0

**I/O connector pin assignment**

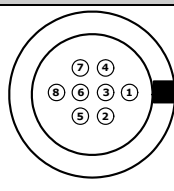
**6-pin I/O connector**

Mako U

Type HR10A-7P-6S	Pin	Color
	1	White
	2	Brown
	3	Green
	4	Yellow
	5	Gray
	6	Pink

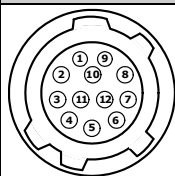
**8-pin I/O connector**

Guppy, Mako G

Type HR25A-7TP-8S	Pin	Color
	1	Yellow and Red
	2	Yellow and Black
	3	Gray and Red
	4	Gray and Black
	5	Pink and Black
	6	Pink and Red
	7	Orange and Black
	8	Orange and Red

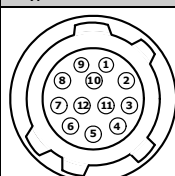
**12-pin I/O connector**

Goldeye G, Guppy PRO, Manta, Marlin, Oscar, Prosilica GC, Prosilica GT, Prosilica GX  
Bonito PRO

Type HR10A-10P-12S	Pin	Color	Pin	Color
	1	Blue	7	Brown
	2	Red	8	White
	3	Pink	9	Black
	4	Gray	10	Orange
	5	Yellow	11	White and Black
	6	Green	12	White and Brown

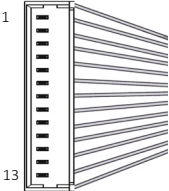
**Hirose 12-pin I/O connector**

Prosilica GE

Type HR10A-10P-12P	Pin	Color	Pin	Color
	1	Blue	7	Brown
	2	Red	8	White
	3	Pink	9	Black
	4	Gray	10	Orange
	5	Yellow	11	White/Black
	6	Green	12	White/Brown

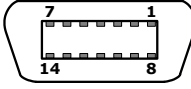
### 13-pin Molex PicoBlade I/O connector

Manta, Stingray board level cameras

Type Molex PicoBlade	Pin	Color
	1	Blue
	2	Red
	3	White and Black
	4	Gray
	5	Yellow
	6	Green
	7	Brown
	8	White
	9	Black
	10	Orange
	11	White and Brown
	12	Violet
	13	Shield-Transparent

### 14-pin Mini-D I/O connector

Prosilica GB, Prosilica GS

Type Mini-D	Pin	Color
	1	Red
	2	Black
	3	White
	4	Brown
	5	Green
	6	Blue
	7	Orange
	8	-
	9	-
	10	Yellow
	11	White and Brown
	12	Pink
	13	White and Black
	14	Gray

### Note



For technical details of input ranges, see the technical manuals and the I/O cable data sheets.

### Additional information

For additional technical information, such as technical manuals, see:

<https://www.alliedvision.com/en/support/technical-documentation>

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### Allied Vision Technologies GmbH 5/2018

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