

Compliance

The cable manufacturers have demonstrated compliance to:



Cable manufacturer information

Manufacturer	Address
Alysium-Tech GmbH	Andernacher Strasse 31b 90411 Nürnberg, Germany
Elektrosil GmbH	Ruhrstraße 53 22761 Hamburg, Germany
Elmo eG Elektromontagen Leutenberg	Wurzbacher Straße 47 07388 Leutenberg, Germany
rmw Kabelsysteme GmbH	Nöben 27 07613 Crossen, Germany

Contact us

To directly contact Allied Vision with any inquiry:
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To find an Allied Vision office or distribution partner:
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Support

www.alliedvision.com/en/support

I/O cables

Part number	Manufacturer	Camera connection	Pins	Peripherals connection	Length [m]
K1200196	Alysium-Tech GmbH	Hirose female	8	Open end	2.0
K1200197					5.0
2814	rmw Kabelsysteme GmbH	Hirose female	12	Open end	2.0
2815					3.0
2817					5.0
2818					10.0
12319	Elektrosil GmbH	JST no screw lock	7	Open end	0.4
12320					1.0
12321					2.0
12322		3.0			
17070		JST with screw lock			5.0
16188		1.0			
16167	Elektrosil GmbH	TFM	10	Open end	3.0
16189					5.0
16190					10.0

Trigger cables

Trigger cables are connected only to Trigger IN 1.
 Camera connection: Hirose female

Part number	Manufacturer	Pins	Peripherals connection	Supported camera families	Length [m]
K1200229*	rmw Kabelsysteme GmbH	8	Open end	Guppy and Mako	10.0
K1200267	Elmo eG Elektromontagen	12	BNC	Guppy PRO, Manta, Prosilica GX, and Stingray	2.0
K1200252			Open end		5.0
K1200244			Open end		10.0
1068908	rmw Kabelsysteme GmbH	12	BNC	Bonito PRO, Goldeye G/CL, and Prosilica GT	2.0
1068909					5.0

* Guppy: connected to PWR and to Trigger IN1

Mako: connected to PWR only

Power cables

Power cables do not support I/Os or triggering.
 Camera connection: Hirose female

Part number	Manufacturer	Pins	Peripherals connection	Length [m]
1068904	rmw Kabelsysteme GmbH	4	Open end	2.0
1068905				3.0
1068906				5.0
1068907				10.0
K1200229*				8

* Guppy: connected to PWR and to Trigger IN1

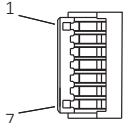
Mako: connected to PWR only

I/O connector pin assignment

I/O connectors are used for I/O cables and for trigger cables.

7-pin I/O connector

Alvium USB cameras

Type JST SHR-07V-S	Pin	Color with screw lock	Color without screw lock
	1	Red	Blue
	2	Brown	Blue
	3	Orange	Blue
	4	Yellow	Blue
	5	Green	Blue
	6	Black	Blue
	7	Transparent	Blue

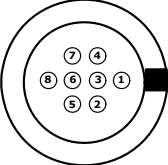
10-pin I/O connector

Alvium G1 and Alvium G5

Type TC-FP-215682	Pin	Color	Pin	Color
	1	Black	6	Green
	2	Red	7	Blue
	3	Brown	8	Violet
	4	Orange	9	Gray
	5	Yellow	10	Braid

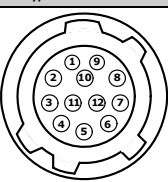
8-pin I/O connector

Guppy and Mako

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

12-pin I/O connector

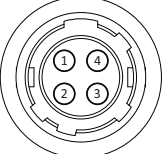
Bonito PRO, Goldeye G/CL, Guppy PRO, Manta, Prosilica GT, and Stingray

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/Black
	6	Green	12	White/Brown

Power connector pin assignment

4-pin power connector

Goldeye G/CL Cool

Type HR10A-7P-4S(73)	Pin	Color
	1	Black
	2	Brown
	3	Red
	4	Orange
	-	Shield-Transparent

Additional information

For additional technical information, such as input ranges, see your camera's technical manual at:
www.alliedvision.com/en/support

For additional technical information on the cables, see:
www.alliedvision.com/en/products/accessories

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