

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:
www.alliedvision.com/en/contact

To find an Allied Vision office or distribution partner:
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Sales offices

Europe, Middle East, and Africa T// +49 36428-677-0

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USA T// +1 978-225-2030
 Canada T// +1 604 875 8855

Asia-Pacific

China T// +86 21 64861133
 Japan T// +81 (0) 45 577 9527
 Singapore T// +65 6634-9027

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		2.0
2815					3.0
2817					5.0
2818					10.0
12319	Elektrosil GmbH	JST no screw lock	7		0.4
12320					1.0
12321		2.0			
12322		JST with screw lock			3.0
17070					5.0
16188		1.0			
16167	Elektrosil GmbH	TFM	10		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	Mako	10.0
K1200267	Elmo eG Elektromontagen	12	BNC	Manta	2.0
K1200252					5.0
K1200240			Open end		2.0
K1200244	12	Open end	10.0		
1068908	rmw Kabelsysteme GmbH	12	BNC	Bonito PRO, Goldeye G/CL, and Prosilica GT	2.0
1068909					5.0

* 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*				10.0
		8		

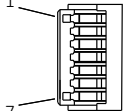
* Mako: connected to PWR only

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

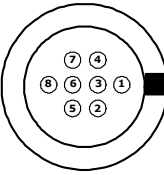
10-pin I/O connector

Alvium G1 and Alvium G5/G5X

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

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

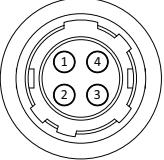
Bonito PRO, Goldeye G/CL, Manta, and Prosilica GT

Type HR10A-10P-12S	Pin	Color	Pin	Color
	1	Blue	7	Brown
	2	Red	8	White
	3	Violet	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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Allied Vision Technologies GmbH
 Taschenweg 2a
 07646 Stadtroda, Germany

