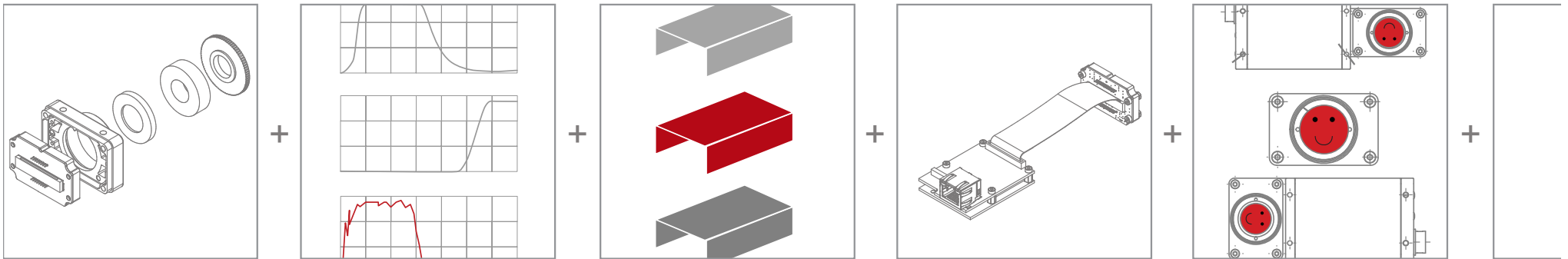


Modular Concept

Bonito PRO, Goldeye G/CL, Mako, Manta, Prosilica GC, Prosilica GT

V12.8.0
2023-Aug-18



Associated price list: Allied Vision Price List Cameras V2023-Oct-01

Modular Concept at a glance

Benefits

When ordering an Allied Vision camera, the Modular Concept provides a system of hardware options for camera mount, housing design, angled head, sensor surface, optical filter, interface connector, and board level.

Benefits of the Modular Concept options include:

- No customizing effort
- Pre-configured options
- Quick delivery times
- Transparent pricing.

Ordering conditions



Please contact the Allied Vision Sales team for availability, minimum order quantities, and lead time: www.alliedvision.com/en/contact.

Alvium Modular Concept



This document applies to Bonito PRO, Goldeye G/CL, Mako, Manta, Prosilica GC, Prosilica GT cameras. For Alvium cameras, see the Alvium Modular Concept at www.alliedvision.com/en/support/technical-documentation.

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Document history

Version	Date	Document updates
V12.8.0	2023-Aug-18	New document version associated to the price list to be released on 01 October, 2023. Modular options and pricing: No changes since document version V12.7.0.
V12.7.0	2023-Mar-03	Added link to the Alvium Modular Concept. Applied editorial changes.
V12.6.1	2023-Feb-16	Bonito PRO, Prosilica GT Large Format: Changed suffix in product codes for RCG camera options.
V12.6.0	2023-Feb-14	Bonito PRO: Added options for RCG (Removed Cover Glass) sensor options. Goldeye G/CL: Added options for Goldeye G/CL XSWIR models. Prosilica GT Large Format: Added options for RCG (Removed Cover Glass) sensor options. Applied editorial changes.
V12.5.0	2022-Oct-01	Manta: Updated advantages of RCG (Removed Cover Glass) option
V12.4.0	2022-Jul-01	Modular options and pricing: No changes since document version V12.3.0. This document accompanies the Allied Vision Price List Cameras V2022-Jul-01.
V12.3.0	2022-Apr-08	Manta: Removed I/O cable options for board level cameras. Applied editorial changes.
V12.2.1	2021-Dec-07	Applied editorial changes.
V12.2.0	2021-Nov-01	Mako, Manta: Corrected product codes for RG715 and RG830 filter options. Applied editorial changes.
V12.1.1	2021-Aug-12	Manta: Corrected the assignment of footnotes for Manta options.
V12.1.0	2021-Aug-01	Goldeye G/CL: Corrected naming for BP 1450 filter (from Bi 1450). Mako: Added options for Mako G-511, G-811, G-1242 models.
V12.0.0	2021-May-01	Goldeye G/CL: Added options for Goldeye G/CL-030 TEC1 and G/CL-130 TEC1 models. Spectral transmission and filters: Added transmission curves for type BP 1450 IR Bandpass and LP 920 Longpass filters. Applied editorial changes.
V11.9.0	2021-Jan-01	Guppy PRO: Removed options for Guppy PRO family. Manta: Added options for new G-1620, G-2040, and G-2460 models. Stingray: Removed options for Stingray family.

Table 1: Document history (Sheet 1 of 4)

Version	Date	Document updates
V11.8.1	2020-Oct-01	Prosilica GT: Removed option for EF-Mount, Birger.
V11.8.0	2020-Oct-01	Obsolete document version Bonito PRO: Removed options for discontinued X-1250 and X-1250B NIR models. Mako U: Removed options for discontinued Mako U family. Manta: Removed options for discontinued G-223B NIR model. Prosilica GT Large Format: Removed options for discontinued GT4090, GT4090NIR, GT4096, and GT4096NIR models.
V11.7.0	2020-Apr-01	Prosilica GT: Removed options for discontinued GT3300 models. Removed sensor glass options for GT1910 and GT2300 models. Prosilica GT Large Format: Removed discontinued GT4905, GT4907, and GT6600 models and related sensor options.
V11.6.0	2019-Dec-16	Prosilica GT Large Format: Added new GT4400, GT5400, and GT6400 models with TFL and C-Mount options. Applied editorial changes.
V11.5.1	2019-Sep-26	Prosilica GT and GT Large Format: Updated prices for ON Semiconductor KAI sensor options. Prosilica GT and GT Large Format: Added notes for discontinuations.
V11.5.0	2019-Oct-01	Obsolete document version Prosilica GT and GT LF: Added IR Pass filter options.
V11.4.0	2019-Jul-01	Prosilica GT: Removed several taped cover glass options. Spectral transmission and filters: Replaced the transmission curve graphic. Changes in Taped Cover Glass options.
V11.3.0	2019-Apr-01	Applied editorial changes.
V11.2.0	2019-Jan-01	Applied editorial changes.
V11.1.0	2018-Oct-01	Guppy PRO: Removed Hirose power option. Stingray: Removed Hirose Power option. Spectral transmission of filters: Provided a new transmission graph.
V11.0.0	2018-Jul-01	Bonito PRO: Introduced newly developed camera family. Goldeye: Price adjustment of IRBP 1450 filter for Goldeye models. Mako G, Mako U: Removed medical option for both camera families. Prosilica GT: Added CS-Mount option for GT2460. Editorial improvements: Organized defective pixel definitions by camera model.
V10.1.0	2018-Apr-01	Editorial improvements: Corrected several minor errors, arranged camera families in alphabetical order.

Table 1: Document history (Sheet 2 of 4)

Version	Date	Document updates
V10.0.0	2018-Jan-01	<p>Pike: All information related to Pike family have been removed.</p> <p>Prosilica GB, GE, GS, GX: All information related to Prosilica GB, GE, GS, and GX families have been removed.</p> <p>Prosilica GT: Added GT2460. Standard mount for GT1930L was changed from EF-Mount to EF-Mount PA. Removed TCG options for all GT20x0 models.</p> <p>Manta: Added released models G-040 and G-158; removed G-609.</p> <p>Sensor options: Updated sensor cover glass and quality options.</p> <p>Editorial improvements:</p> <ul style="list-style-type: none"> Adjusted defect pixel definition tables for better readability. Replaced the drawings of angled head models (since some of them were erroneous) with valid drawings from the Manta Technical Manual. Removed all statements concerning warranty, terms and conditions, and legal issues.
V9.4.0	2017-Jul-31	<p>Manta: Added options for Manta G-895 and Manta G-1236 models released.</p> <p>Pearleye: All information to Pearleye has been removed. Camera has been discontinued, last-time-buy date (December 15, 2016).</p> <p>Prosilica GT Large Format: Added Prosilica GT4090, GT4096, GT5120 models.</p> <p>F-Mount adapter: All information about the F-Mount adapter has been removed. Component has been discontinued.</p> <p>Sensor options:</p> <ul style="list-style-type: none"> Improved information on Taped Cover Glass sensor options for <ul style="list-style-type: none"> Prosilica GT, GT Large Format, GX, and GE cameras Pike cameras. Added link to application note about handling cameras with Cover Glass sensor options. Corrected product codes for sensor options in availability list.

Table 1: Document history (Sheet 3 of 4)

Version	Date	Document updates
V9.3.0	2016-Sep-02	<p>Goldeye G/CL: Added image for Silver Design in Housing and logo color on page 19.</p> <p>Manta: Added options for Manta G-319 and G-507 models.</p> <p>Prosilica GT, Prosilica GT Large Format</p> <ul style="list-style-type: none"> Removed CS-Mount option for GT1930 model. Corrected EF-Mount as standard version for GT1930L model. <p>Stingray:</p> <ul style="list-style-type: none"> Deleted Stingray Compact option (discontinued). Deleted Stingray GOF (glass optical fiber) option (discontinued). <p>F-Mount adapter set: added information on camera pages.</p> <p>Sensor options: Updated product codes, deleted discontinued products. See Removed Cover Glass for Manta on page 22.</p>
V9.2.0	2016-Jun-28	<p>M12-Mount adapter set: Updated information on camera pages and in M12-Mount adapter set on page 18.</p> <p>Sensor options</p> <ul style="list-style-type: none"> Reworked information on sensor surface options on page 22. Reworked tables with defective pixel definitions and following pages. <p>Editorial updates:</p> <ul style="list-style-type: none"> Added chapter Document history and conventions. Corrected typographical errors, inconsistencies, and terminology.
V9.1.2	2016-Mar-18	Up to this version no document history has been kept.

Table 1: Document history (Sheet 4 of 4)

Document conventions

Camera models and options

Options apply to all models of a camera family, unless otherwise stated.

Typographical styles

To give this manual an easily understood layout and to emphasize important information, the following typographical styles and symbols are used.

Style	Function
Emphasis	Highlighting important things
Web addresses and references	Links to webpages and internal cross references

Table 2: Typographical styles

Symbols and notes



Material damage

Precautions are described.



Practical tip

Additional information helps to understand.



Additional information

Web link or reference to an external source with more information is shown.



Camera options

Bonito PRO

Module	Standard	Options	Product code
Lens mount	F-Mount	<ul style="list-style-type: none"> F-Mount PA¹ (46.5 mm flange focal distance) M58-Mount (12.71 mm flange focal distance) M58-Mount PA¹ (46.5 mm flange focal distance) EF-Mount PA¹ (44.0 mm flange focal distance) M42-Mount PA¹ (45.46 mm flange focal distance) M42-Mount (45.46 mm flange focal distance) 	<ul style="list-style-type: none"> Bonito PRO....-03 Bonito PRO....-12 Bonito PRO....-13 Bonito PRO....-18 Bonito PRO....-25 Bonito PRO....-31
Optical filter	Monochrome models: No filter Color models: Type IRC30	<ul style="list-style-type: none"> Type IRC30 (IR cut filter) Protection glass (ASG) Type Schneider 486 (IRC filter) 	<ul style="list-style-type: none"> Bonito PRO....-06 Bonito PRO....-19 Bonito PRO....-22
Sensor surface option	Fixed Cover Glass with microlens	Removed Cover Glass with microlens Before operation, remove the cover glass taped to the sensor. See RCG (Removed Cover Glass) sensor option on page 22 .	<ul style="list-style-type: none"> Bonito PRO X-2620 RCG-41 Bonito PRO X-2620NIR RCG-41
		¹ Planarity adjusted	

Table 3: Bonito PRO camera options



Module	Standard	Options	Product code
Lens mount	C-Mount	<ul style="list-style-type: none"> F-Mount¹ M42-Mount¹ 	<ul style="list-style-type: none"> Goldeye G/CL-... SWIR... F-Mount Goldeye G/CL-... SWIR... M42-Mount
Optical filter	No filter	<ul style="list-style-type: none"> Type IRBP 1450 (IR bandpass filter)², water absorption peak, see Type IRBP 1450 nm (IR bandpass filter) on page 21. Type BP 1450 (IR bandpass filter)^{3,4} Type LP 920 (visible cut-off)³ 	<ul style="list-style-type: none"> Goldeye G/CL-... SWIR... IRBP 1450 Goldeye G/CL-... VSWIR... BP 1450 Goldeye G/CL-... VSWIR... LP 920
Housing design	Allied Vision standard design	<ul style="list-style-type: none"> Silver housing⁵ See Housing and logo color on page 19. 	<ul style="list-style-type: none"> Goldeye G/CL-... SWIR... silver
		¹ Goldeye G/CL-030 TEC1, G/CL-130 TEC1, and XSWIR models on request ² Not for Goldeye G/CL-030 TEC1, G/CL-130 TEC1, and XSWIR models ³ Only for Goldeye G/CL-030 TEC1, G/CL-130 TEC1, and XSWIR models ⁴ Water absorption peak ⁵ Further housing colors on request, such as all black	

Table 4: Goldeye G/CL camera options



Further options

Please contact Allied Vision Sales for further options: www.alliedvision.com/en/contact.

Mako G



Module	Standard	Options	Product code
Lens mount	C-Mount	<ul style="list-style-type: none"> CS-Mount <p>For M12-Mount option, see M12-Mount adapter set on page 18.</p>	<ul style="list-style-type: none"> Mako G-... CS-Mount
Optical filter	Monochrome and NIR models: No filter	<ul style="list-style-type: none"> Protection glass (ASG) Type IRC Hoya C-5000 (IR cut filter) Type IRC Jenofilt 217 (IR cut filter) Type IRP RG715 (IR pass filter) Type IRP RG830 (IR pass filter) <p>See Spectral transmission of filters on page 20.</p>	<ul style="list-style-type: none"> Mako G-... ASG Mako G-... IRC Hoya Mako G-... IRC Jenofilt Mako G-... RG715 Mako G-... RG830
Optical filter	Color models: Type IRC Hoya C-5000	<ul style="list-style-type: none"> Protection glass (ASG) Type IRC Jenofilt 217 (IR cut filter) Type IRP RG715 (IR pass filter) Type IRP RG830 (IR pass filter) <p>See Spectral transmission of filters on page 20.</p>	<ul style="list-style-type: none"> Mako G-... ASG Mako G-... IRC Jenofilt Mako G-... RG715 Mako G-... RG830

Table 5: Mako G camera options



Manta: Overview types A and B

Manta **type A**: G-031, G-032, G-033, G-046, G-125, G-145, G-146, G-201, G-504

Manta **type B**: G-040, G-158, G-223, G-235, G-282, G-283, G-319, G-419, G-505, G-507, G-895, G-917, G-1236, G-1620, G-2040, G-2460

Manta camera model	G-031B/C	G-032B/C	G-033B/C	G-040B/C	G-046B/C	G-125B/C	G-145B/C ¹	G-146B/C	G-158B/C	G-201B/C ²	G-223B/C	G-235B/C	G-282B/C	G-283B/C	G-319B/C
Type A	✓	✓	✓	-	✓	✓	✓	✓	-	✓	-	-	-	-	-
Type B	-	-	-	✓	-	-	-	-	✓	-	✓	✓	✓	✓	✓
Angled head	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓
Board level	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓

¹Including Manta G-145B/C, Manta G-145B/C 30 fps, Manta G-145B NIR
²Including Manta G-201B/C, Manta G-201B/C 30 fps

Table 6: Overview angled head, board level options for Manta type A and type B, part 1

Manta camera model	G-419B/C ³	G-504B/C	G-505B/C	G-507B/C	G-895B/C	G-917B/C	G-1236B/C	G-1620B/C	G-2040B/C	G2460B/C
Type A	-	✓	-	-	-	-	-	-	-	-
Type B	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Angled head	✓	✓	-	✓	✓	-	✓	✓	✓	✓
Board level	✓	✓	-	✓	✓	-	✓	✓	✓	✓

³Including Manta G-419B/C, Manta G-419B NIR

Table 7: Overview angled head, board level options for Manta type A and type B, part 2



Manta: Options

Manta **type A**: G-031, G-032, G-033, G-046, G-125, G-145, G-146, G-201, G-504

Manta **type B**: G-040, G-158, G-223, G-235, G-282, G-283, G-319, G-419, G-505, G-507, G-895, G-917, G-1236, G-1620, G-2040, G-2460

Module	Standard	Options	Product code
Lens mount	C-Mount	<ul style="list-style-type: none"> CS-Mount <p>For M12-Mount option, see M12-Mount adapter set on page 18.</p>	<ul style="list-style-type: none"> Manta G-... CS-Mount
Angled head	Standard housing	<ul style="list-style-type: none"> W90 housing W90 S90 housing W270 housing W270 S90 housing <p>See Housing options: Angled head housing and standard housing on page 19 for possible options.</p>	<ul style="list-style-type: none"> Manta G-... W90 Manta G-... W90 S90 Manta G-... W270 Manta G-... W270 S90
Optical filter	Monochrome models: Protection glass (ASG) Color models: Type IRC Hoya C-5000	<ul style="list-style-type: none"> Protection glass (ASG) Type IRC Jenofilt 217 (IR cut filter) Type IRC Hoya C-5000 (IR cut filter) Type IRP RG715 (IR pass filter) Type IRP RG830 (IR pass filter) <p>See Spectral transmission of filters on page 20.</p>	<ul style="list-style-type: none"> Manta G-... ASG Manta G-... IRC Jenofilt Manta G-... IRC Hoya Manta G-... RG715 Manta G-... RG830
	NIR models: No filter	See options above.	
Housing design	Allied Vision standard design	<ul style="list-style-type: none"> White medical design <p>See Housing and logo color on page 19.</p>	<ul style="list-style-type: none"> Manta G-... medical
Sensor surface option	Fixed Cover Glass with microlens	Removed Cover Glass with microlens (Manta G-145B only) Before operation, remove the cover glass taped to the sensor. See RCG (Removed Cover Glass) sensor option on page 22 .	<ul style="list-style-type: none"> Manta G-145 B RCG¹
Board level		See Ordering a Manta board level camera on page 24 .	<ul style="list-style-type: none"> Manta G-... BL
		¹ Minimum order quantity of 10 pieces	

Table 8: Manta camera options

Prosilica GC



Module	Standard	Options	Product code
Lens mount	C-Mount	<ul style="list-style-type: none"> CS-Mount 	<ul style="list-style-type: none"> Prosilica GC...-01
Optical filter	Monochrome models: No filter Color models: Type IRC30	<ul style="list-style-type: none"> Type IRC30 (IR cut filter) Protection glass (ASG) 	<ul style="list-style-type: none"> Prosilica GC...-06 Prosilica GC...-19

Table 9: Prosilica GC camera options



Prosilica GT

Prosilica GT1290, GT1380, GT1600, GT1920, GT1930, GT2000, GT2000NIR, GT2050, GT2050NIR, GT2450, GT2460, GT2750, GT3400

See next page for options on Prosilica GT Large Format.

Module	Standard	Options	Product code
Lens mount	C-Mount	<ul style="list-style-type: none"> CS-Mount F-Mount M42-Mount (45.46 mm flange focal distance) 	<ul style="list-style-type: none"> Prosilica GT...-01 Prosilica GT...-03 Prosilica GT...-31
Optical filter	Monochrome and NIR models: No filter Color models: Type IRC30	<ul style="list-style-type: none"> Type IRC30 (IR cut filter) Protection glass (ASG) Type IRP RG780 (IR pass filter) Type IRP RG715 (IR pass filter) 	<ul style="list-style-type: none"> Prosilica GT...-06 Prosilica GT...-19 Prosilica GT...-24 Prosilica GT...-27

Table 10: Prosilica GT camera options



Prosilica GT Large Format

Prosilica GT1930L, GT4400, GT5120¹, GT5400, GT6400

¹Available as monochrome and NIR models only

Module	Standard	Options	Product code	
Lens mount	F-Mount GT1930L: EF-Mount PA ²	<ul style="list-style-type: none"> F-Mount PA² (46.5 mm flange focal distance) C-Mount³ (17.53 mm flange focal distance) M58-Mount (12.71 mm flange focal distance) M58-Mount PA² (46.5 mm flange focal distance) EF-Mount PA² (44.0 mm flange focal distance) M42-Mount PA² (45.46 mm flange focal distance) M42-Mount (45.46 mm flange focal distance) TFL-Mount⁴ (17.53 mm flange focal distance) 	<ul style="list-style-type: none"> Prosilica GT....-03 Prosilica GT....-07 Prosilica GT....-12 Prosilica GT....-13 Prosilica GT....-18 Prosilica GT....-25 Prosilica GT....-31 Prosilica GT....-40 	
Optical filter	Monochrome and NIR models: No filter Color models: Type IRC30	<ul style="list-style-type: none"> Type IRC30 (IR cut filter) Protection glass (ASG) Type Schneider 486 (IR cut filter) 	<ul style="list-style-type: none"> Prosilica GT....-06 Prosilica GT....-19 Prosilica GT....-22 	
Sensor surface option	Fixed Cover Glass with microlens	Removed Cover Glass with microlens Before operation, remove the cover glass taped to the sensor. See RCG (Removed Cover Glass) sensor option on page 22 .	<ul style="list-style-type: none"> Prosilica GT-4400 RCG-41 Prosilica GT-5120 RCG-41 Prosilica GT-5120NIR RCG-41 Prosilica GT-5400 RCG-41 Prosilica GT-6400 RCG-41 	
		² Planarity adjusted	³ GT4400 and GT5400 cameras only	⁴ GT4400, GT5400, and GT6400 cameras only

Table 11: Prosilica GT Large Format camera options

M12-Mount adapter set

The M12-Mount adapter set (**product code: E3000115**) enables using M12-Mount (S-Mount) lenses with any CS-Mount or C-Mount camera.



NOTICE

Damage to the camera sensor or electronics

Observe your camera's maximum protrusion to avoid damage to the sensor and camera electronics. See the specifications in your camera's technical manual.

To use M12-Mount lenses:

- Order a CS-Mount or C-Mount camera.
- Order the M12-Mount adapter set.
- Attach the lens with the M12-Mount adapter to the camera, as shown in the functional drawings below.

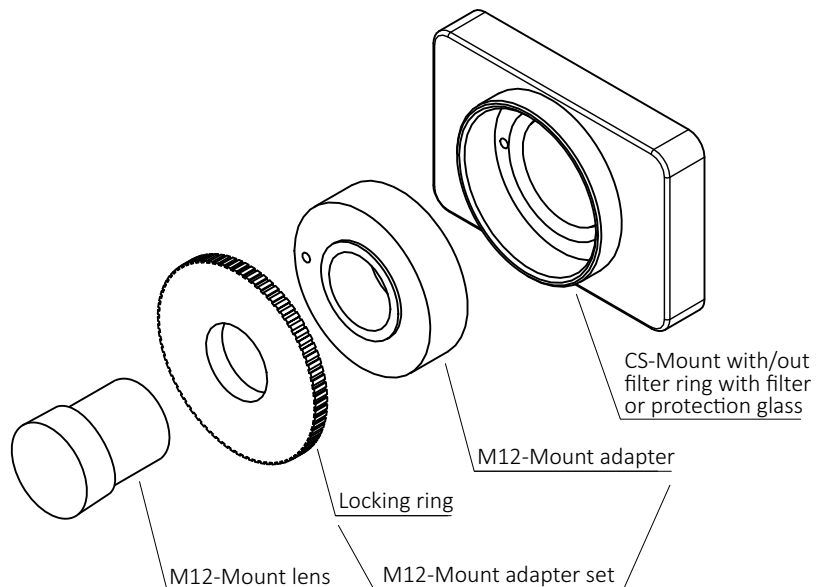


Figure 1: M12-Mount lens adapted to CS-Mount or C-Mount with the M12-Mount adapter set

Housing options: Angled head housing and standard housing

The schematic drawings show the sensor position for the following camera families:

- Manta type A: all models
- Manta type B: only G-040, G-158, G-223, G-235, G-319, G-419, G-507, G-895, G-1236, G-1620, G-2040, G-2460

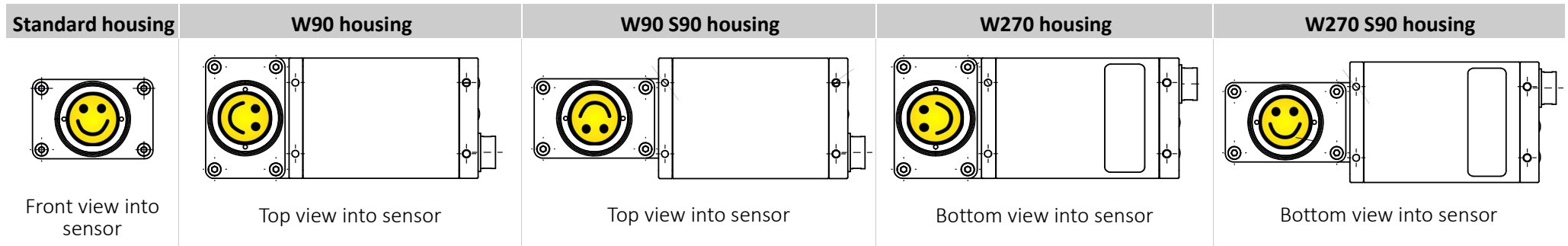


Figure 2: Sensor position of standard housing and angled head options

Housing and logo color

The Allied Vision standard housing is Allied Vision red with white company logo. In addition, for some camera models, you can order the following color options.



Figure 3: Housing and logo color

Spectral transmission of filters

300 to 1700 nm

The following curve shows typical transmissions for the named filters. Values may vary slightly by filter lot.

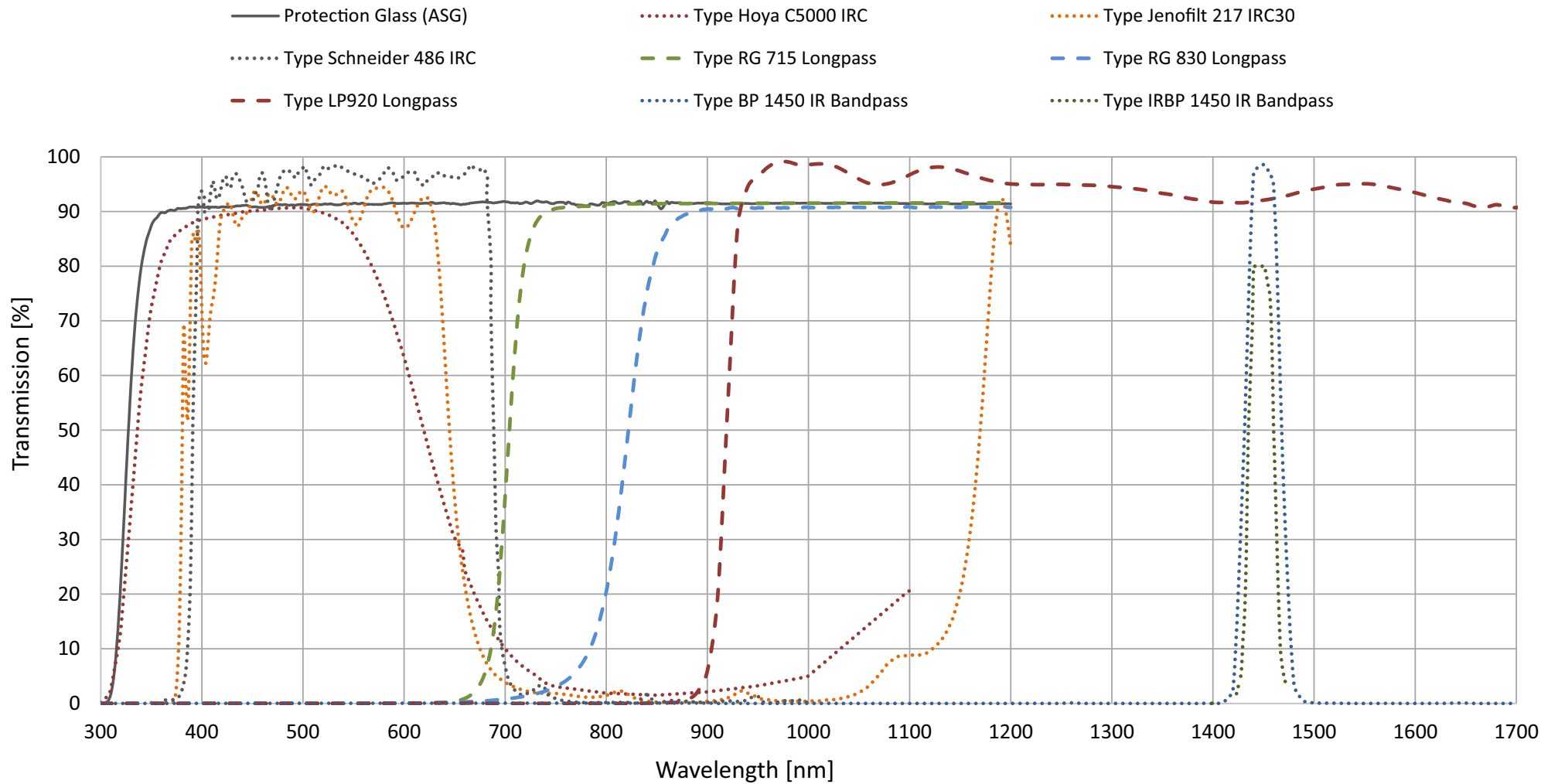
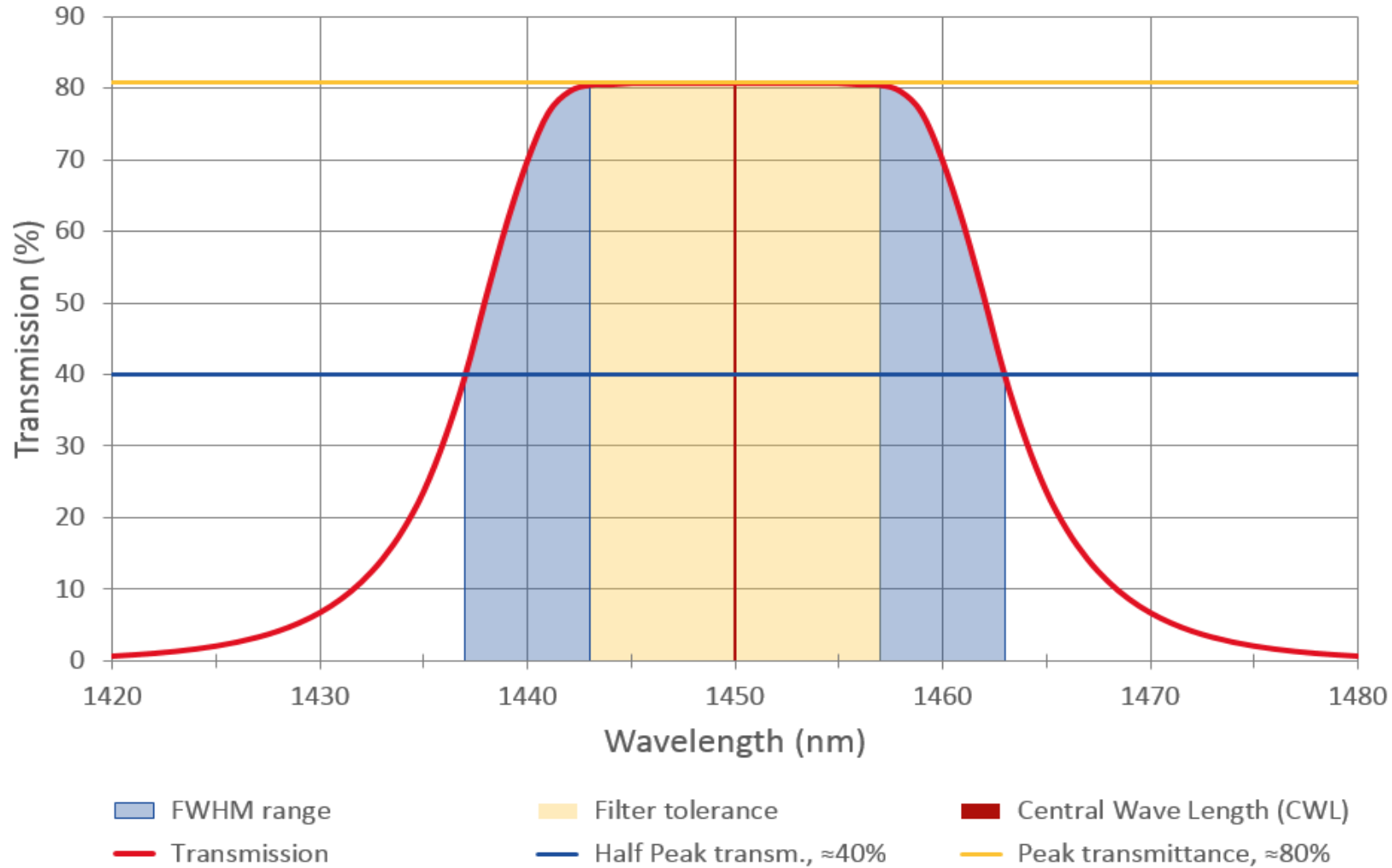


Figure 4: Spectral transmission of filters 300 to 1700 nm (exemplary curves)

Type IRBP 1450 nm (IR bandpass filter)

The following curve shows the typical transmission for the Type IRBP 1450 nm filter. Values may vary slightly by filter lot.



¹HW: Half width, spectral range for 50% of the maximum spectral transmission; in this case 40% from 80%

Figure 5: Spectral transmission of Type IRBP 1450 nm (IR bandpass filter, exemplary curve)

RCG (Removed Cover Glass) sensor option

Sensors without cover glass are suitable for several applications, to:

- Increase overall quantum efficiency
- Attach fiber optic arrays directly to the sensor, for example in connection with an image intensifier
- Prevent disturbing reflections or interferences caused by the sensor cover glass.



Handling of cameras with RCG sensor option

Before handling cameras with removed cover glass, read the following application note:

www.alliedvision.com/fileadmin/content/documents/products/cameras/various/appnote/various/TCG-RCG_Sensor-Handling.pdf

Board level camera options for Manta

The Modular Concept provides several options for board level cameras, for example, different lengths for the flex cables. The following pages describe how to order a Manta board level camera.

Benefits of board level cameras

Board level cameras provide certain benefits to the end user, some of which (but not all) are listed below.

- Option to use the camera in applications where space is an issue.
- Due to the flex cable-attached sensor board (with optional lens mount), the sensor board can be oriented separately from the camera boards.
- Board level cameras share similar lens mounts and filters as housed models.

Ordering a Manta board level camera step by step



Ordering conditions

Please contact the Allied Vision Sales team for availability, minimum order quantities, and lead time:
www.alliedvision.com/en/contact.

Follow the instructions and order your board level camera by components:

1. Interface type
2. Flex cable length
3. Lens mounting type (optional)
4. Interface cable (optional)

CE, FCC, and ICES

Board level models are designed for integration and are delivered without housing. Because housing design is critical to the electromagnetic compatibility (EMC) of a camera, no CE, FCC, or ICES certification tests regarding electromagnetic interference have been performed for board level models. Users who design board level models into their systems should perform appropriate testing regarding EMC after the product design is completed.



Ordering a Manta board level camera

Manta G-031, G-032, G-033, G-040, G-046, G-125, G-145, G-146, G-158, G-201, G-223, G-235, G-319, G-419, G-504, G-507, G-895, G-1236, G-1620, G-2040, G-2460

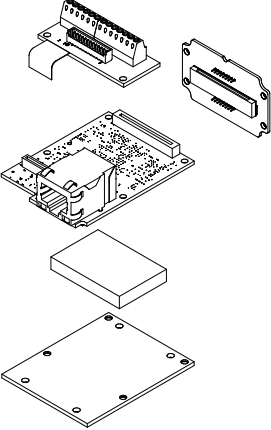
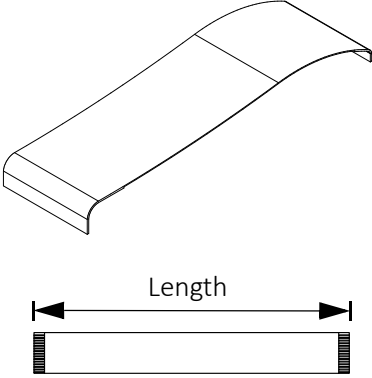
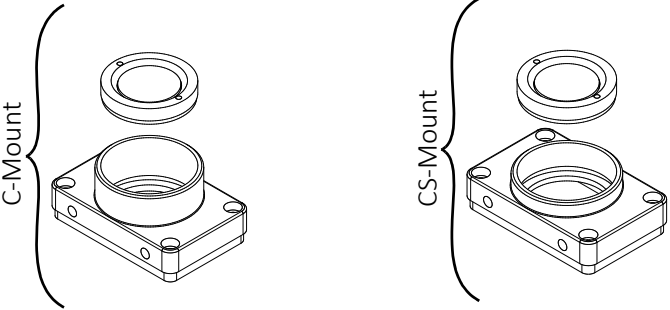
Step 1: Select the interface type	Step 2: Select the flex cable length	Step 3: Select the lens mount and filter											
<p>Basic camera</p> 	<p>Flex cable</p> 	<p>Lens mount:</p> 											
<p>Sensor board, main board(s), I/O board, thermal conductive film, and cooling plate</p>	<p>Ordering flex cables Flex cables are not sold separately!</p>	<p>Each mounting type is equipped with:</p> <ul style="list-style-type: none"> Type IRC Hoya C-5000 or Protection glass (ASG) 	<p>NIR models NIR models are not equipped with filter or protection glass.</p>										
<p>Interface type</p> <ul style="list-style-type: none"> Manta G-...._BL Manta G-...._BL PoE (Power over Ethernet) 	<p>Flex cable Manta type A</p> <ul style="list-style-type: none"> Flex cable 56 mm FC56 Flex cable 110 mm FC110 Flex cable 152 mm FC152 Flex cable 200 mm FC200 	<p>Mount</p> <ul style="list-style-type: none"> C-Mount CS-Mount (M12 option available) 	<p>Filter</p> <table border="0"> <tr> <td>• Protection glass (ASG)</td> <td>Manta G-... ASG</td> </tr> <tr> <td>• Type IRC Jenofilt 217 (IR cut filter)</td> <td>Manta G-... IRC Jenofilt</td> </tr> <tr> <td>• Type IRC Hoya C-5000 (IR cut filter)</td> <td>Manta G-... IRC Hoya</td> </tr> <tr> <td>• Type IRP RG715 (IR pass filter)</td> <td>Manta G-... RG715</td> </tr> <tr> <td>• Type IRP RG830 (IR pass filter)</td> <td>Manta G-... RG830</td> </tr> </table> <p>For filter details, see Spectral transmission of filters on page 20.</p>	• Protection glass (ASG)	Manta G-... ASG	• Type IRC Jenofilt 217 (IR cut filter)	Manta G-... IRC Jenofilt	• Type IRC Hoya C-5000 (IR cut filter)	Manta G-... IRC Hoya	• Type IRP RG715 (IR pass filter)	Manta G-... RG715	• Type IRP RG830 (IR pass filter)	Manta G-... RG830
• Protection glass (ASG)	Manta G-... ASG												
• Type IRC Jenofilt 217 (IR cut filter)	Manta G-... IRC Jenofilt												
• Type IRC Hoya C-5000 (IR cut filter)	Manta G-... IRC Hoya												
• Type IRP RG715 (IR pass filter)	Manta G-... RG715												
• Type IRP RG830 (IR pass filter)	Manta G-... RG830												
	<p>Flex cable Manta type B</p> <ul style="list-style-type: none"> Flex cable 60 mm FC60 Flex cable 110 mm FC110 Flex cable 150 mm FC150 Flex cable 200 mm FC200 												

Table 12: Ordering a Manta board level camera in (steps 1 to 3)



Ordering a Manta board level camera

Step 4: Select the interface cable	Step 5: Contact Allied Vision Sales
<div data-bbox="336 590 672 813" data-label="Image"> </div> <p data-bbox="112 957 963 1069">Interface cable (example) GigE interface cable, Cat6, drag chain suitability, RJ45 8-pin straight with screw locks to RJ45 8-pin straight latch, 3.0 m (product code 8259)</p>	<div data-bbox="1041 351 2105 798" data-label="Image"> </div> <p data-bbox="1052 829 1926 925">Contact Sales Are you looking for a digital camera solution or camera accessories? Our Sales Team will be happy to discuss with you. CONTACT SALES</p> <p data-bbox="1019 989 1937 1069">If you need more cables and accessories, contact the Allied Vision Sales team: www.alliedvision.com/en/contact.</p>

Table 13: Ordering a Manta board level camera (steps 4 and 5)