


# Imaging Modules • Size M • Overview GigE Version

Current status as of May 2022


Subject to error and changes




## linea M

	FoV [mm]	WD [mm]	Sensor [MP]	Image	Interface	Light	Item number
 <p>50 x 160 x 40 mm approx. 500 g</p> <p>CE, RoHS, WEEE</p>	28.6 x 24	202	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-00363CG0001
	28.6 x 24	202	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-00363CG2101
	28.6 x 24	202	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-00363MG0001
	28.6 x 24	202	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-00363MG2101
	24 x 18	202	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-00462CG0001
	24 x 18	202	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-00462CG2101
	24 x 18	202	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-00462MG0001
	24 x 18	202	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-00462MG2101
	16.8 x 14.1	132	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-01553CG0001
	16.8 x 14.1	132	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-01553CG2101
	16.8 x 14.1	132	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-01553MG0001
	16.8 x 14.1	132	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-01553MG2101
	14.1 x 10.6	132	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-01652CG0001
	14.1 x 10.6	132	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-01652CG2101
	14.1 x 10.6	132	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-01652MG0001
	14.1 x 10.6	132	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-01652MG2101
	11.3 x 9.4	99	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-02743CG0001
	11.3 x 9.4	99	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-02743CG2101
	11.3 x 9.4	99	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-02743MG0001
	11.3 x 9.4	99	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-02743MG2101
	9.4 x 7.1	99	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-02842CG0001
	9.4 x 7.1	99	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-02842CG2101
	9.4 x 7.1	99	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-02842MG0001
	9.4 x 7.1	99	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-02842MG2101
	9.2 x 7.7	87	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-03743CG0001
	9.2 x 7.7	87	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-03743CG2101
	9.2 x 7.7	87	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-03743MG0001
	9.2 x 7.7	87	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-03743MG2101
7.7 x 5.8	87	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-03942CG0001	
7.7 x 5.8	87	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-03942CG2101	
7.7 x 5.8	87	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IL10-03942MG0001	
7.7 x 5.8	87	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	ring	IL10-03942MG2101	

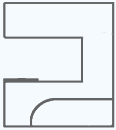
## compact M

	FoV [mm]	WD [mm]	Sensor [MP]	Image	Interface	Light	Item number
 <p>80 x 175 x 40 mm approx. 700 g</p>	28.6 x 24	202	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-00363CG0001
	28.6 x 25	202	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-00363MG0001
	24 x 18	202	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-00462CG0001
	25 x 18	202	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-00462MG0001
	16.8 x 14.1	132	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-01553CG0001
	16.8 x 14.1	132	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-01553MG0001
	14.1 x 10.6	132	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-01652CG0001
	14.1 x 10.6	132	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-01652MG0001
	11.3 x 9.4	99	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-02743CG0001
	11.3 x 9.4	99	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-02743MG0001
	9.4 x 7.1	99	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-02842CG0001
	9.4 x 7.1	99	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-02842MG0001
	9.2 x 7.7	87	5.01	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-03743CG0001
	9.2 x 7.7	87	5.01	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-03743MG0001
	7.7 x 5.8	87	3.15	Colour	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-03942CG0001
	7.7 x 5.8	87	3.15	Mono	GigE RJ45   24V   M8 Plug   4 pol	N/A	IC10-03942MG0001

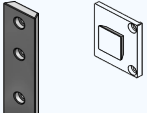
## compact M integrated lighting

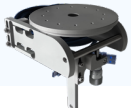
	FoV [mm]	WD [mm]	Sensor [MP]	Image	Interface	Light	Item number
 <p>80 x 175 x 40 mm approx. 700 g</p>	4.5 x 3.8	31	5,01	Colour	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-04j33CG3101
	4.5 x 3.8	31	5,01	Mono	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-04j33MG3101
	3.8 x 2.8	31	3,15	Colour	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-04l32CG3101
	3.8 x 2.8	31	3,15	Mono	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-04l32MG3101
	2.3 x 1.9	17.5	5,01	Colour	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-05o23CG3101
	2.3 x 1.9	17.5	5,01	Mono	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-05o23MG3101
	2.3 x 1.9	37	5,01	Colour	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-05o33CG3101
	2.3 x 1.9	37	5,01	Mono	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-05o33MG3101
	1.9 x 1.4	17.5	3,15	Colour	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-05q22CG3101
	1.9 x 1.4	17.5	3,15	Mono	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-05q22MG3101
	1.9 x 1.4	37	3,15	Colour	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-05q32CG3101
	1.9 x 1.4	37	3,15	Mono	GigE RJ45   24V   M8 Plug   4 pol	coax+ring	IC10-05q32MG3101


## profile M integrated lighting


	FoV [mm]	WD [mm]	Sensor [MP]	Image	Interface	Light	Item number
 <p>140 x 193 x 40 mm approx. 1400 g</p>	1.7 x 1.4	31	5.04	Colour	GigE RJ45   24V   M8 Plug   4 pol	transm	IP10-06q33CG5101
	1.7 x 1.4	31	5.04	Mono	GigE RJ45   24V   M8 Plug   4 pol	transm	IP10-06q33MG5201
	0.85 x 0.71	13	5.04	Colour	GigE RJ45   24V   M8 Plug   4 pol	transm	IP10-07s23CG5101
	0.85 x 0.71	13	5.04	Mono	GigE RJ45   24V   M8 Plug   4 pol	transm	IP10-07s23MG5201
	0.42 x 0.35	3.6	5.04	Colour	GigE RJ45   24V   M8 Plug   4 pol	transm	IP10-08x03CG5101
	0.42 x 0.35	3.6	5.04	Mono	GigE RJ45   24V   M8 Plug   4 pol	transm	IP10-08x03MG5201

## Accessories

Mounting bracket	Description	Item number
	Opto-Dovetail for IM•linea M, compact M to Focus Drive OC	IM-AM-00004
	Dovetail for IM•profile M, compact M to Focus Drive OC	IM-AM-00003
	<i>If you need Mounting brackets for installation in machines, please contact the sales department.</i>	

profile M only	Description	Item number
	Manual XYZ $\Phi$ Stage for profile M	IM-AM-00001
	Adapter plate for mounting on a breadboard	IM-AM-00002

Cables	Description	Item number
	Ethernet cable, Cat6, 2m, 2xRJ45, screwable	050-8Z5CABLENET01
	I/O & power supply, sensor cable, M8 female, straight, 1.5 m, open strands	050-8Z01681842
	Power Package for IM GigE incl. Power supply cable (M8) & power-supply unit for Plug&Play applications (without I/O functionality)	IM-AE-00001

Stand	Description	Item number
	Foldable Stand: 190 x 230 x 350 mm, Focus Drive OC, L=350 mm	043-600505-350
	<i>You can find more stands on our homepage.</i>	

- Image sensors: Sony Pregius
  - IMX265 | 3 MP | 1/1.8" | 3.45  $\mu$ m pixel size - 2048x1536 | 37 fps
  - IMX264 | 5 MP | 2/3" | 3.45  $\mu$ m pixel size - 2448x2048 | 24 fps
- CE, RoHS, WEEE