


Imaging Modules • Size M • Overview USB 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> | 28.7 x 24 | 202 | 5.04 | Colour | USB3.1 Gen 1 Type C | N/A | IL10-00363CU0001 |
| | 28.7 x 24 | 202 | 5.04 | Colour | USB3.1 Gen 1 Type C | ring | IL10-00363CU2101 |
| | 28.7 x 24 | 202 | 5.04 | Mono | USB3.1 Gen 1 Type C | N/A | IL10-00363MU0001 |
| | 28.7 x 24 | 202 | 5.04 | Mono | USB3.1 Gen 1 Type C | ring | IL10-00363MU2101 |
| | 24 x 18 | 202 | 3.17 | Colour | USB3.1 Gen 1 Type C | N/A | IL10-00462CU0001 |
| | 24 x 18 | 202 | 3.17 | Colour | USB3.1 Gen 1 Type C | ring | IL10-00462CU2101 |
| | 24 x 18 | 202 | 3.17 | Mono | USB3.1 Gen 1 Type C | N/A | IL10-00462MU0001 |
| | 24 x 18 | 202 | 3.17 | Mono | USB3.1 Gen 1 Type C | ring | IL10-00462MU2101 |
| | 16.9 x 14.1 | 132 | 5.04 | Colour | USB3.1 Gen 1 Type C | N/A | IL10-01553CU0001 |
| | 16.9 x 14.1 | 132 | 5.04 | Colour | USB3.1 Gen 1 Type C | ring | IL10-01553CU2101 |
| | 16.9 x 14.1 | 132 | 5.04 | Mono | USB3.1 Gen 1 Type C | N/A | IL10-01553MU0001 |
| | 16.9 x 14.1 | 132 | 5.04 | Mono | USB3.1 Gen 1 Type C | ring | IL10-01553MU2101 |
| | 14.1 x 10.6 | 132 | 3.17 | Colour | USB3.1 Gen 1 Type C | N/A | IL10-01652CU0001 |
| | 14.1 x 10.6 | 132 | 3.17 | Colour | USB3.1 Gen 1 Type C | ring | IL10-01652CU2101 |
| | 14.1 x 10.6 | 132 | 3.17 | Mono | USB3.1 Gen 1 Type C | N/A | IL10-01652MU0001 |
| | 14.1 x 10.6 | 132 | 3.17 | Mono | USB3.1 Gen 1 Type C | ring | IL10-01652MU2101 |
| | 11.3 x 9.4 | 99 | 5.04 | Colour | USB3.1 Gen 1 Type C | N/A | IL10-02743CU0001 |
| | 11.3 x 9.4 | 99 | 5.04 | Colour | USB3.1 Gen 1 Type C | ring | IL10-02743CU2101 |
| | 11.3 x 9.4 | 99 | 5.04 | Mono | USB3.1 Gen 1 Type C | N/A | IL10-02743MU0001 |
| | 11.3 x 9.4 | 99 | 5.04 | Mono | USB3.1 Gen 1 Type C | ring | IL10-02743MU2101 |
| | 9.5 x 7.1 | 99 | 3.17 | Colour | USB3.1 Gen 1 Type C | N/A | IL10-02842CU0001 |
| | 9.5 x 7.1 | 99 | 3.17 | Colour | USB3.1 Gen 1 Type C | ring | IL10-02842CU2101 |
| | 9.5 x 7.1 | 99 | 3.17 | Mono | USB3.1 Gen 1 Type C | N/A | IL10-02842MU0001 |
| | 9.5 x 7.1 | 99 | 3.17 | Mono | USB3.1 Gen 1 Type C | ring | IL10-02842MU2101 |
| | 9.3 x 7.7 | 87 | 5.04 | Colour | USB3.1 Gen 1 Type C | N/A | IL10-03743CU0001 |
| | 9.3 x 7.7 | 87 | 5.04 | Colour | USB3.1 Gen 1 Type C | ring | IL10-03743CU2101 |
| | 9.3 x 7.7 | 87 | 5.04 | Mono | USB3.1 Gen 1 Type C | N/A | IL10-03743MU0001 |
| | 9.3 x 7.7 | 87 | 5.04 | Mono | USB3.1 Gen 1 Type C | ring | IL10-03743MU2101 |
| 7.8 x 5.8 | 87 | 3.17 | Colour | USB3.1 Gen 1 Type C | N/A | IL10-03942CU0001 | |
| 7.8 x 5.8 | 87 | 3.17 | Colour | USB3.1 Gen 1 Type C | ring | IL10-03942CU2101 | |
| 7.8 x 5.8 | 87 | 3.17 | Mono | USB3.1 Gen 1 Type C | N/A | IL10-03942MU0001 | |
| 7.8 x 5.8 | 87 | 3.17 | Mono | USB3.1 Gen 1 Type C | ring | IL10-03942MU2101 | |

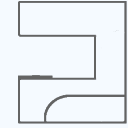
compact M

| | FoV [mm] | WD [mm] | Sensor [MP] | Image | Interface | Light | Item number |
|---|-------------|------------|----------------|--------|---------------------|-------|------------------|
|  <p>80 x 175 x 40 mm approx. 700 g</p> | 28.7 x 24 | 202 | 5.04 | Colour | USB3.1 Gen 1 Type C | N/A | IC10-00363CU0001 |
| | 28.7 x 24 | 202 | 5.04 | Mono | USB3.1 Gen 1 Type C | N/A | IC10-00363MU0001 |
| | 24 x 18 | 202 | 3.17 | Colour | USB3.1 Gen 1 Type C | N/A | IC10-00462CU0001 |
| | 24 x 18 | 202 | 3.17 | Mono | USB3.1 Gen 1 Type C | N/A | IC10-00462MU0001 |
| | 16.9 x 14.1 | 132 | 5.04 | Colour | USB3.1 Gen 1 Type C | N/A | IC10-01553CU0001 |
| | 16.9 x 14.1 | 132 | 5.04 | Mono | USB3.1 Gen 1 Type C | N/A | IC10-01553MU0001 |
| | 14.1 x 10.6 | 132 | 3.17 | Colour | USB3.1 Gen 1 Type C | N/A | IC10-01652CU0001 |
| | 14.1 x 10.6 | 132 | 3.17 | Mono | USB3.1 Gen 1 Type C | N/A | IC10-01652MU0001 |
| | 11.3 x 9.4 | 99 | 5.04 | Colour | USB3.1 Gen 1 Type C | N/A | IC10-02743CU0001 |
| | 11.3 x 9.4 | 99 | 5.04 | Mono | USB3.1 Gen 1 Type C | N/A | IC10-02743MU0001 |
| | 9.5 x 7.1 | 99 | 3.17 | Colour | USB3.1 Gen 1 Type C | N/A | IC10-02842CU0001 |
| | 9.5 x 7.1 | 99 | 3.17 | Mono | USB3.1 Gen 1 Type C | N/A | IC10-02842MU0001 |
| | 9.3 x 7.7 | 87 | 5.04 | Colour | USB3.1 Gen 1 Type C | N/A | IC10-03743CU0001 |
| | 9.3 x 7.7 | 87 | 5.04 | Mono | USB3.1 Gen 1 Type C | N/A | IC10-03743MU0001 |
| | 7.8 x 5.8 | 87 | 3.17 | Colour | USB3.1 Gen 1 Type C | N/A | IC10-03942CU0001 |
| | 7.8 x 5.8 | 87 | 3.17 | Mono | USB3.1 Gen 1 Type C | N/A | IC10-03942MU0001 |

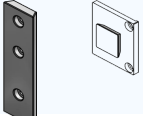
compact M integrated lighting

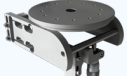
| | FoV [mm] | WD [mm] | Sensor [MP] | Image | Interface | Light | Item number |
|---|-----------|---------|-------------|--------|---------------------|-----------|------------------|
|  <p>80 x 175 x 40 mm approx. 700 g</p> | 4.5 x 3.8 | 31 | 5.04 | Colour | USB3.1 Gen 1 Type C | coax+ring | IC10-04j33CU3101 |
| | 4.5 x 3.8 | 31 | 5.04 | Mono | USB3.1 Gen 1 Type C | coax+ring | IC10-04j33MU3101 |
| | 3.8 x 2.8 | 31 | 3.17 | Colour | USB3.1 Gen 1 Type C | coax+ring | IC10-04i32CU3101 |
| | 3.8 x 2.8 | 31 | 3.17 | Mono | USB3.1 Gen 1 Type C | coax+ring | IC10-04i32MU3101 |
| | 2.3 x 1.9 | 17.5 | 5.04 | Colour | USB3.1 Gen 1 Type C | coax+ring | IC10-05o23CU3101 |
| | 2.3 x 1.9 | 17.5 | 5.04 | Mono | USB3.1 Gen 1 Type C | coax+ring | IC10-05o23MU3101 |
| | 2.3 x 1.9 | 37 | 5.04 | Colour | USB3.1 Gen 1 Type C | coax+ring | IC10-05o33CU3101 |
| | 2.3 x 1.9 | 37 | 5.04 | Mono | USB3.1 Gen 1 Type C | coax+ring | IC10-05o33MU3101 |
| | 1.9 x 1.4 | 17.5 | 3.17 | Colour | USB3.1 Gen 1 Type C | coax+ring | IC10-05q22CU3101 |
| | 1.9 x 1.4 | 17.5 | 3.17 | Mono | USB3.1 Gen 1 Type C | coax+ring | IC10-05q22MU3101 |
| | 1.9 x 1.4 | 37 | 3.17 | Colour | USB3.1 Gen 1 Type C | coax+ring | IC10-05q32CU3101 |
| | 1.9 x 1.4 | 37 | 3.17 | Mono | USB3.1 Gen 1 Type C | coax+ring | IC10-05q32MU3101 |

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 | USB3.1 Gen 1 Type C | transm | IP10-06q33CU5101 |
| | 1.7 x 1.4 | 31 | 5.04 | Mono | USB3.1 Gen 1 Type C | transm | IP10-06q33MU5201 |
| | 0.85 x 0.71 | 13 | 5.04 | Colour | USB3.1 Gen 1 Type C | transm | IP10-07s23CU5101 |
| | 0.85 x 0.71 | 13 | 5.04 | Mono | USB3.1 Gen 1 Type C | transm | IP10-07s23MU5201 |
| | 0.42 x 0.35 | 3.6 | 5.04 | Colour | USB3.1 Gen 1 Type C | transm | IP10-08x03CU5101 |
| | 0.42 x 0.35 | 3.6 | 5.04 | Mono | USB3.1 Gen 1 Type C | transm | IP10-08x03MU5201 |

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 XYZΦ Stage for profile M | IM-AM-00001 |
| | Adapter plate for mounting on a breadboard | IM-AM-00002 |

| Cables | Description | Item number |
|---|--|----------------|
|  | USB 3.1 Gen1, cable, straight, USB-C screwable, 1m | 050-8Z1AD00223 |
| | USB 3.1 Gen1, cable, straight, USB-C screwable, 3m | 050-8Z1AD00224 |

| 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> | |

- Imaging sensors: Sony Pregius
 - IMX265 | 3 MP (2056 x 1542) | 1/1.8" | 3.45 µm pixel size | 57 fps
 - IMX264 | 5 MP (2456 x 2054) | 2/3" | 3.45 µm pixel size | 36 fps
- CE, RoHS, WEEE