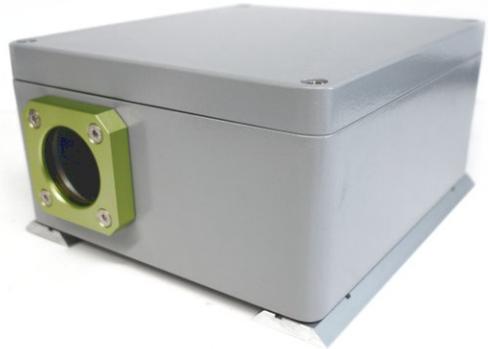## Benefits:

- **Robust construction**

- **High IP protection class**

- **High chemical resistance**

- **Vibration-proof mounting**

- **Camera mount included**

- **BK7 or acrylic windows available**

- **Good heat dissipation thanks to heat conductive**

  **tape between camera and enclosure**

- **Easy assembly**

- **With Orca adapter also for wide angle lenses**

- **With Peltier cooling and soon in stainless steel available**

## Technical Details:

*Please ask for the product number of the spare part

| Dimensions (l x w x h, without cable gland and dovetail mounting plate) | 230 x 200 x 111mm |
|---|---|
| Weight (without dovetail profiles) | Approx. 3000g |

| Standard Window Acrylic, uncoated Acrylic, double sided ARC | BK7, double sided ARC Order No.: 20.000.058* Order No.: 20.000.029* |
|---|---|
| Window Aperture | 45mm |
| Window Seal | NBR |

| Colour | Light grey, RAL 7001 |
|---|---|
| Enclosure Material | Powder Coated Aluminum |
| Enclosure Seals | Polyurethane |

| Options | - Dovetail mounting plate<br>- Pressure equalising valve for outdoor use |
|---|---|

| Protection Class | IP66 (Nema 4) IP67 (Nema 6) |
|---|---|

| Cable Gland Aperture (max. connector size) | 26.5mm (M32, GigE) 42mm (M50, Camera Link) |
|---|---|
| Cable Diameter | Self-drilling |
| Cable Gland Seal | TPE |

The mount guarantees good heat dissipation

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Thanks to the Orca adapter lenses with shorter focal length are also usable



Chamäleon FX with dovetail profiles to use autoVimation Mounting Kits

## Order Numbers:

| Chameleon FX | | | |
|---|---|---|---|
| **Enclosure Type** | **Order Number** | **Accessories** | **Order Number** |
| FX10, M32 (GigE) | 20.105.294 | Surcharge 2" Acrylic ARC | 20.000.049 |
| FX10, M50 (Camera Link) | 20.105.291 | Surcharge 2" Acrylic FDA | 20.000.032 |
| FX17, M32 (GigE) | 20.105.293 | Dovetail Mounting Plates | 20.105.995 |
| FX17, M50 (Camera Link) | 20.105.295 | | |
| Keyence VS-L | Please ask! | | |

## Accessories:

*Please ask for the product number of the spare part

| Product | Image | Order No. | Product | Image | Order No. | Product | Image | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2"/3" Wind Curtain | | 50.100.010 50.100.011 | 30mm Extension | | 15.030.030 | Mounting Kit 7 | | 5.070.000 |
| 2"/3" Wind Curtain | | 50.100.017 50.100.018 | 60mm Extension | | 15.030.085 | Mounting Kit 9 | | 5.090.000 |
| Orca adapter | | 15.030.002 | Mounting tool | | 90.000.004 | Mounting Kit 10 | | 5.100.000 |
| Surcharge 3" front lid* | | 20.040.019 | Mounting Kit 1 | | 5.010.000 | Mounting Kit 15 | | 5.150.000 |
| Surcharge M72 lid* | | 20.040.018 | Mounting Kit 2 | | 5.020.000 | Mounting Kit 16/16m | | 5.160.000 5.160.000m |
| Surcharge Dome lid* | | 20.040.015 | Mounting Kit 6 | | 5.060.000 | Mounting Kit 17/17m | | 5.170.000 5.170.000m |

**IP66**  **IP67**

## Benefits:

- **Peltier cooling up to 30°C temperature difference**
- **24V/DC power enables also e.g. supply**
  **via solar panels / batteries and**
  **so independent operation is possible**
- **High chemical resistance**
- **Easy and vibration-proof mounting**
- **Camera mount included**
- **High IP protection class**

## Technical Details FX Enclosure with Peltier Cooling:

| | |
|---|---|
| **Dimensions** (l x w x h, without cable gland and tube) | 230 x 200 x 180mm |
| **Weight** (without dovetail profiles) | ~4900g |

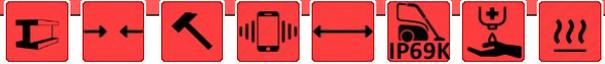| | |
|---|---|
| **Ambient Temperature** | 0 - 70°C |
| **Max. Temp. Difference** without camera heat | 30°C |
| **Maximum Cooling Power** | 53,2W at dT=0°C |
| **Input Voltage** | 24V/DC |

| | |
|---|---|
| **Protection Class Enclosure** | IP66 (Nema 4) IP67 (Nema 6) |
| **Protection Class Fan** | IP54 |

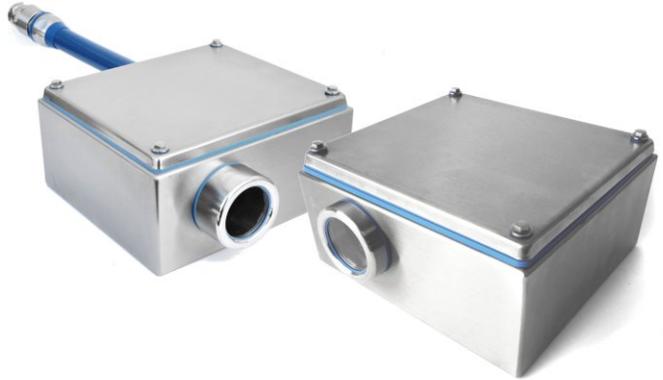Chameleon FX with Peltier Cooling and in stainless steel version with IP69K hygienic design

## Order Numbers:

| Chameleon FX Peltier | | | |
|---|---|---|---|
| **Enclosure Type** | **Order Number** | **Accessories** | **Order Number** |
| For FX10, M32 (GigE) | 20.106.294 | Surcharge 2" Acrylic ARC | 20.000.049 |
| For FX10/17, M50 (C. Link) For FX17, M32 (GigE) For Keyence VS, M32/M50 | Please ask! | Surcharge 2" Acrylic FDA | 20.000.032 |

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## Benefits:

- **IP 69K hygienic design**
- **Stainless steel enclosure in AISI 316L**
- **High chemical resistance**
- **Easy and vibration-proof mounting**
- **Camera mount included**
- **Good heat dissipation**
- **Robust and compact design**
- **Hygienic assembly with**
  **special mounting kit to the machine**

## Technical Details:

*Please ask for the product number of the spare part

| Dimensions (l x w x h, without cable gland and tube) | 220 x 210 x 108mm |
|---|---|
| Weight (without tube) | Ca. 4500g |

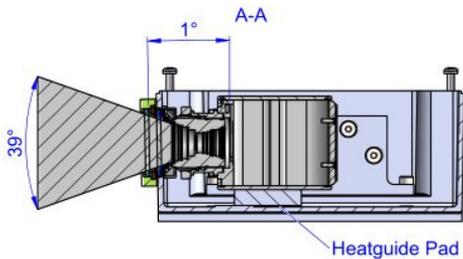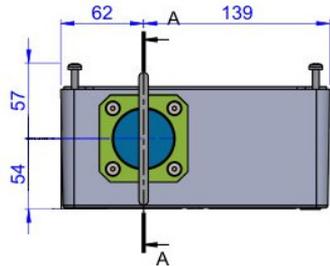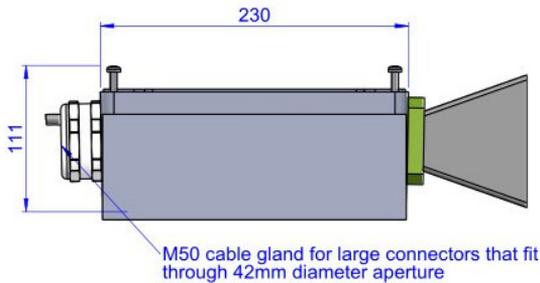| Standard Window Acrylic, uncoated Acrylic, double sided ARC | BK7, double sided ARC Order No.: 20.000.058* Order No.: 20.000.029* |
|---|---|
| Window Aperture | 45mm |
| Window Seal | EPDM |

| Protection Class | IP69K |
|---|---|
| Cable Gland Aperture (max. connector size) | 19mm |
| Cable Gland Seal | PA6 |
| Enclosure Material | Stainless Steel AISI 316L |
| Enclosure Seals | Silicone |

## Order Numbers:

| Chameleon FX Hygienic IP69K | | | |
|---|---|---|---|
| **Enclosure Type** | **Order Number** | **Accessories** | **Order Number** |
| For FX10 (38°, GigE) | 20.105.296 | Surcharge 2" Acrylic ARC | 20.000.049 |
| For FX17 (38°, GigE) | 20.105.297 | Surcharge 2" Acrylic FDA | 20.000.032 |
| For Keyence VS | Please ask! | Hygienic Mounting Kit | 20.105.298 |
| | | 26.5x21 PU Tube | 80.007.003 |

## Chameleon FX



M50 cable gland for large connectors that fit through 42mm diameter aperture

230

111

62

A

139

57

54

A-A

1°

39°

Heatguide Pad

## Chameleon FX Hygienic



optical axis

54

30,27

190

36,7

102,7

A

A

A-A

39,36°

54,5

54

89

Heat dissipation block

65,95

75

heat dissipation base plate

Standard 38° lens, FX17, LAN interface

50

Hygienic wall mount set
Order No.: 20.105.298

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