



### Benefits:

- For camera operation in up to 70°C ambient temperature without sun radiation
- Up to 50°C with 350W/m<sup>2</sup> sun radiation
- Permanent temperature control
- Good UV and ageing resistance
- IP65 (camera enclosure)/IP54 (fan)
- 3" or 4" window for large lenses
- Other window materials available
- All Orca extensions and front lids incl. dome window usable
- With Orca extension with Meganova usable
- Only DC voltage required, easy handling
- Fully automatic operation, heating or cooling (depending on version)



### Technical Details:

<b>Max. Camera Size (w x h)</b>	100 x 100mm	<b>Enclosure Material</b>	Anodized Aluminium
<b>Max. Lens Diameter</b>	120mm (profile) 78mm (3" front lid or Orca extensions)	<b>Enclosure Seals</b>	EPDM
<b>Inner Length</b>	180mm (M) 250mm (L)	<b>Cable Gland Aperture (max. connector size)</b>	26.5mm
<b>Dimensions (l x w x h) (without cable gland)</b>	212 x 138 x 202 (M)	<b>Cable Diameter</b>	Self drilling
<b>With flange (l x w x h) (without cable gland)</b>	282 x 138 x 202 (L) 219 x 138 x 202 (M) 289 x 138 x 202 (L)	<b>Cable Gland Seal</b>	TPE
<b>Weight (without camera mount)</b>	Ca. 4.5Kg (M) Ca. 6.1Kg (L)	<b>Operating Voltage</b>	24V/DC
<b>Window Aperture</b>	88mm (4") 65mm (3")	<b>Temperature Range (Ambient)</b>	-20 bis +70°C
<b>3"/4" standard window</b>	BK7, double sided AR	<b>Cooling Power</b>	41W at dT=0°C
<b>3" IR Mirror</b>	Order Number: 20.000.064	<b>Protection Class</b>	
<b>3" Germanium</b>	Order Number: 20.000.018	Fan Enclosure	IP54
<b>3" Acrylic, double sided AR</b>	Order Number: 20.000.033	Camera Enclosure	IP65
<b>Window Seal</b>	EPDM		



Order Number (please specify camera type!):

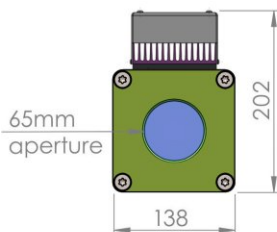
Produkt	Bestellnummer
<b>Turtle MiC Elefant</b> , for cameras up to 100x100mm cross section, inner length 180mm, internal Peltier controller (heating or cooling only), 5m power cable, BK7 4" window, rear wall C	70.600.180
<b>Turtle M Elefant</b> , for cameras up to 100x100mm cross section, inner length 180mm, without Peltier controller, 5m power cable, BK7 4" window, rear wall C	70.700.180
<b>Turtle MiC Elefant Flange</b> , for cameras up to 100x100mm cross section, inner length 180mm, internal Peltier controller (heating or cooling only), 5m power cable, BK7 3" window, rear wall C	70.650.180
<b>Turtle M Elefant Flange</b> , for cameras up to 100x100mm cross section, inner length 180mm, without Peltier controller, 5m power cable, BK7 3" window, rear wall C	70.750.180
<b>Turtle LiC Elefant</b> , for cameras up to 100x100mm cross section, inner length 250mm, internal Peltier controller (heating or cooling only), 5m power cable, BK7 4" window, rear wall C	70.600.250
<b>Turtle L Elefant</b> , for cameras up to 100x100mm cross section, inner length 250mm, without Peltier controller, 5m power cable, BK7 4" window, rear wall C	70.700.250
<b>Turtle LiC Elefant Flange</b> , for cameras up to 100x100mm cross section, inner length 250mm, internal Peltier controller (heating or cooling only), 5m power cable, BK7 3" window, rear wall C	70.650.250
<b>Turtle L Elefant Flange</b> , for cameras up to 100x100mm cross section, inner length 250mm, without Peltier controller, 5m power cable, BK7 3" window, rear wall C	70.750.250
<b>External Peltier Controller</b> , Din rail mount, 16A max current, programmable heating- and cooling levels, temperature control with emergency shut down, max. ambient temperature 60°C	70.300.270
<b>Power supply for Turtle enclosures</b> 24V/DC, 150W, Din rail mount.	70.200.253

## Accessories:

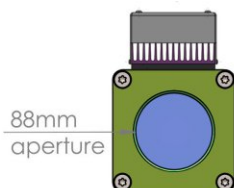
Product	Image	Order No.	Product	Image	Order No.	Product	Image	Order No.
Dragon Air Nozzle		50.100.030	Mounting Kit 1		5.010.000	Mounting Kit 10		5.100.000
3" Wind Curtain		50.100.011	Mounting Kit 2		5.020.000	Mounting Kit 15		5.150.000
30/60mm Extension		15.030.030 15.030.085	Mounting Kit 6		5.060.000	Mounting Kit 16/16m		5.160.000 5.160.000m
Dome Window		20.040.015	Mounting Kit 7		5.070.000	Mounting Kit 17/17m		5.170.000 5.170.000m
M72 Front Lid		20.040.018	Mounting Kit 9		5.090.000	Monting Tool		90.000.004



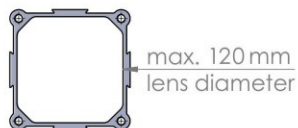
3" Window



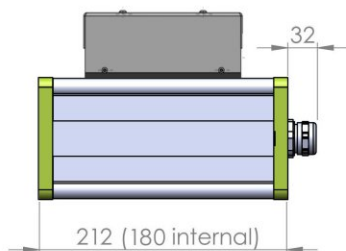
4" Window



Profile



Turtle M/MiC



Rear Wall C



Turtle L/LiC Flange

