

CHEETAH

RUGGEDIZED CAMERA SERIES

[Front View](#)[Rear View](#)

IP67 C-Mount Lens Tube and Extension Kit

Imperx: IP67 C-Mount Lens Tube

The IP67 C-mount lens tubes provide reliable protection against the ingress of water, dust, sand and other contaminants when used with Imperx P67 cameras. Imperx offers lens tubes with 44 mm and 64 mm inner diameters and an extension kit to fit different C-mount lenses. The lens tube extension kit includes three extenders of 6, 12, and 24 mm lengths and extra O-rings. The Imperx lens tubes are compatible with P67 Cheetah GigE Vision® with PoE cameras.

Specifications

Part Number	Inner Length	Inner Diameter	Outer Diameter	Glass	Housing Material
Tube-44MM-0036 (default)*	36 mm	Ø 44 mm	Ø 50 mm	Clear Glass Ø 49 mm x 2 mm with oleophobic coating	Aluminum
Tube-44MM-0042	42 mm				
Tube-44MM-0048	48 mm				
Tube-44MM-0054	54 mm				
Tube-44MM-0060	60 mm				
Tube-44MM-0066	66 mm				
Tube-44MM-0072	72 mm				
Tube-44MM-0078	78 mm	Ø 64 mm	Ø 70 mm	Clear Glass Ø 69 mm x 2 mm with oleophobic coating	
Tube-64MM-0080 (default)*	80 mm				

*Custom Tube Lengths are available, please contact your local distributor or Imperx sales at sales@imperx.com.

Extension Kit (currently available for the Tube-44MM-00xx lens tubes only)

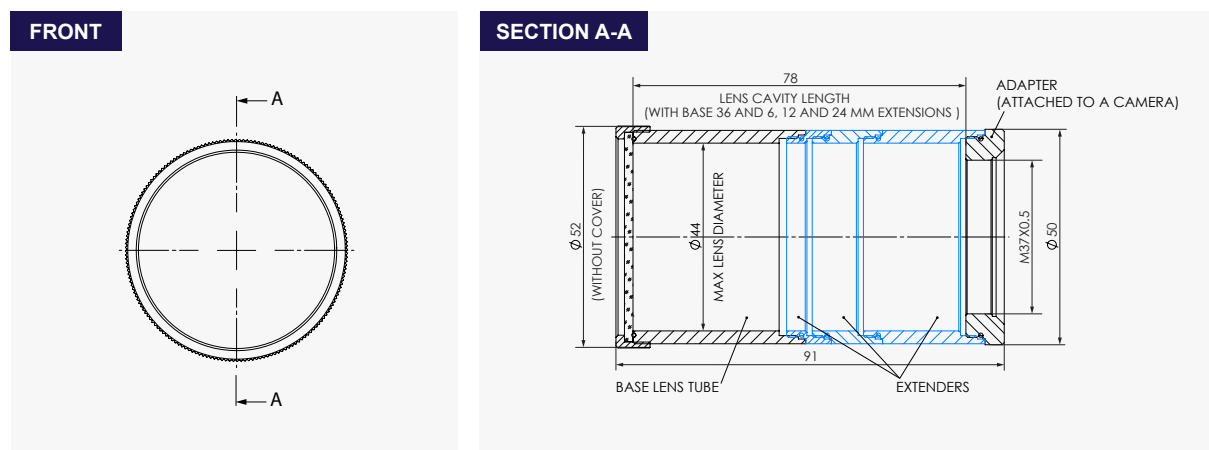
Part Number	Inner Length*	Qty.	Inner Diameter	Outer Diameter	Glass	Material
ASSY-44MM-0000 includes:						
6 mm extender with O-ring	6 mm	1	Ø 44 mm	Ø 50 mm	N/A	Aluminum
12 mm extender with O-ring	12 mm	1				
24 mm extender with O-ring	24 mm	1				
Extra O-rings Ø 45 mm x 1 mm	N/A	2	N/A	N/A		Silicone

The lens tubes are compatible with the following cameras:

Specification	P67-C1911	P67-C2010	P67-C2410	P67-C3210	P67-C4010	P67-C4110
Sony Sensor Model	IMX429	IMX265	IMX264	IMX428	IMX267	IMX304
Resolution (MP)	2.86	3	5	7	9	12
Resolution (H x V)	1944 x 1472	2064 x 1544	2464 x 2056	3216 x 2208	4112 x 2176	4112 x 3008
Pixel Size (microns)	4.5	3.45	3.45	4.5	3.45	3.45
Optical Format	2/3"	1/1.8"	2/3"	1.1"	1"	1.1"
Type (Color/Mono)	C, M	C, M	C, M	C, M	C, M	C, M
Frame Rate (Max)	40	36	22	16	13	9
Dynamic Range (dB)	77	71	71	77	71	71
Environmental	Operating: -30 °C to +75 °C (-40 °C to +85 °C tested) Storage: -40 °C to +85 °C					

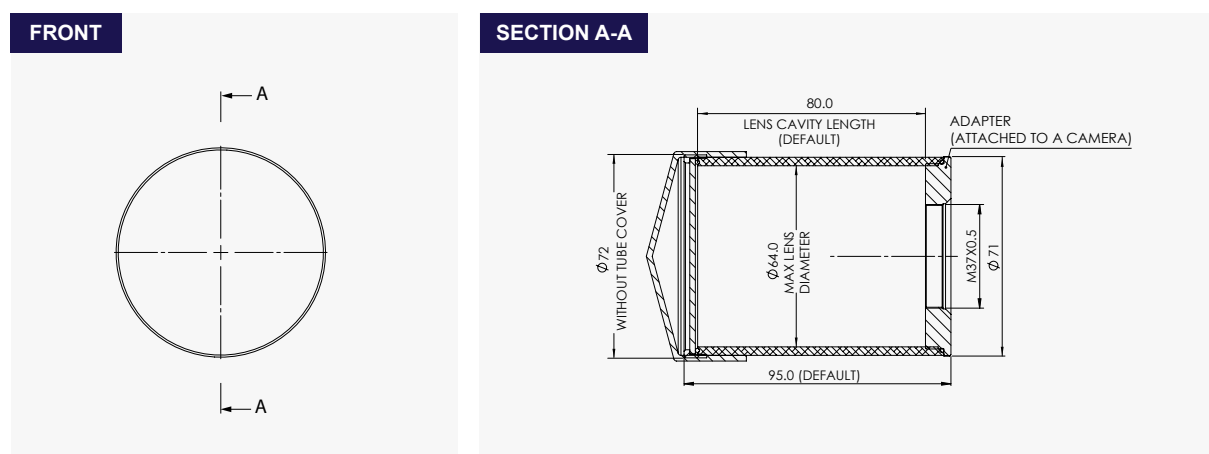
Dimensions

IP67 C-Mount Lens Tube, inner diameter 44 mm



Base lens tube cavity length is 36 mm. Other lengths can be achieved by using one or more extenders.

IP67 C-Mount Lens Tube, inner diameter 64 mm



Ordering Information

When ordering a P67 camera, please specify the camera ordering code (see Specification Sheets on P67 cameras) and select the IP67 C-mount lens tube that matches your lens.

Part Number	Inner Length	Inner Diameter
Tube-44MM-0036 (default)*	36 mm	Ø 44 mm
Tube-44MM-0042	42 mm	
Tube-44MM-0048	48 mm	
Tube-44MM-0054	54 mm	
Tube-44MM-0060	60 mm	
Tube-44MM-0066	66 mm	
Tube-44MM-0072	72 mm	
Tube-44MM-0078	78 mm	
Tube-64MM-0080 (default)*	80 mm	Ø 64 mm
Extension Kit ASSY-44MM-0000	6 to 42 mm	Ø 44 mm

*Custom Tube Lengths are available, please contact your local distributor or Imperx sales at sales@imperx.com.

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Quality Management System ISO 9001:2015 Registered
Environmental Management System ISO 14001:2015 Registered
DDTC Registered (Directorate of Defense Trade Controls, US Department of State)

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