



# Port Charts for Ikelite Compact Mirrorless Housings

These recommendations are suitable for all Compact Mirrorless Housings with product numbers in the 6900-series for the following cameras:

- Blackmagic Pocket Cinema
- Canon EOS M3 / M10
- Olympus OM-D E-M5 / E-M5 Mark II
- Olympus OM-D E-M10 / E-M10 Mark II
- Olympus PEN E-PL7
- Panasonic Lumix G7 / GX7 / GX7 Mark II / GX80 / GX85
- Sony Alpha A6000 / A6300

These port recommendations are NOT suitable for use with the 4-lock port system as found on our standard DSLR housings with product numbers in the 6800-series. These port recommendations are NOT suitable for use with housings for the following cameras:

- Canon EOS 100D Rebel SL1
- Panasonic Lumix GH-3 / GH-4
- Sony Alpha a7 / a7R / a7S / a7 II / a7R II / a7S II

Please refer to the corresponding product page for port recommendations for the above housings.

Additional lenses will be added as compatibility information becomes available.

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# Canon EF-M Lenses

	6-inch Dome Option <i>Compact + Zoom Function</i>	8-inch Dome Option <i>Best for Wide Angle</i>	Flat Port <i>Best for Macro Close-Up</i>
<b>8 mm Rokinon f/3.5 Aspherical Fisheye</b> <b>+ Canon EF-EOS M Mount Adapter 6098B002WB</b> <i>Tripod foot must be removed from the mount adapter.</i>	8-inch Dome recommended.	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter 5516.65 Lens Extension Autofocus not supported by this lens. Pre-set focus to 14 inches.	Dome port recommended.
<b>8-15 mm Canon EF f/4L Fisheye USM</b> <b>+ Canon EF-EOS M Mount Adapter 6098B002WB</b> <i>Tripod foot must be removed from the mount adapter.</i>		5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter 5516.65 Lens Extension No zoom control – Lens must be used at fixed focal length.	Dome port recommended.
<b>10-17 mm Tokina AT-X f/3.5-4.5 DX Fisheye</b> <b>+ Canon EF-EOS M Mount Adapter 6098B002WB</b> <i>Tripod foot must be removed from the mount adapter.</i>		5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter 5516.65 Lens Extension No zoom control – Lens must be used at fixed focal length.	Dome port recommended.
<b>10-18 mm Canon EF-S f/4.5-5.6 IS STM</b> <b>+ Canon EF-EOS M Mount Adapter 6098B002WB</b> <i>Tripod foot must be removed from the mount adapter.</i>	5516.15 Dome Port with Zoom 5516.65 Lens Extension 5515.06 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter 5516.65 Lens Extension No zoom control – Lens must be used at fixed focal length.	Dome Port recommended.
<b>11-22 mm Canon EF-M f/4-5.6 IS STM</b>	5516.15 Dome Port with Zoom 5509.30 Zoom Clamp + Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	Dome Port recommended.

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>15 mm Sigma f/2.8 EX DG Diagonal Fisheye</b> <b>+ Canon EF-EOS M Mount Adapter</b> 6098B002WB <i>Tripod foot must be removed from the mount adapter.</i>	5516.12 Dome Port 5516.65 Lens Extension	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter 5516.65 Lens Extension	
<b>15-45 mm Canon f/3.5-6.3 IS STM</b>	5516.15 Dome Port with Zoom 5515.03 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	5516.45 Flat Port Standard No zoom control – Lens must be used at fixed focal length. Very minimal vignetting at 15mm.
<b>16-35 mm Canon EF f/2.8L II USM</b> <b>+ Canon EF-EOS M Mount Adapter</b> 6098B002WB <i>Tripod foot must be removed from the mount adapter.</i>		5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter (2) 5516.65 Lens Extensions No zoom control – Lens must be used at fixed focal length.	
<b>18-55 mm Canon EF-M f/3.5-5.6 IS STM</b>	5516.15 Dome Port with Zoom 5509.30 Zoom Clamp + Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	
<b>28 mm Canon EF-M f/3.5 Macro IS STM</b>			5516.45 Flat Port
<b>40 mm Canon EF f/2.8 STM</b> <b>+ Canon EF-EOS M Mount Adapter</b> 6098B002WB <i>Tripod foot must be removed from the mount adapter.</i>	5516.11 Dome Port		5516.50 Flat Port
<b>60 mm Canon EF-S f/2.8 Macro USM</b> <b>+ Canon EF-EOS M Mount Adapter</b> 6098B002WB <i>Tripod foot must be removed from the mount adapter.</i>		Flat port recommended.	5516.50 Flat Port 5516.65 Lens Extension
<b>100 mm Canon EF-S f/2.8L Macro IS USM</b> <b>+ Canon EF-EOS M Mount Adapter</b> 6098B002WB <i>Tripod foot must be removed from the mount adapter.</i>		Flat port recommended.	5516.50 Flat Port 5516.65 Lens Extension 5516.70 Lens Extension



# Olympus M. Zuiko Lenses

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>7-14 mm Olympus f/2.8 ED PRO</b>	5516.15 Dome Port with Zoom 5516.65 Lens Extension 5509.28 Zoom Clamp + Sleeve Minimal vignetting is present at 7mm.	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter 5516.65 Lens Extension No zoom control – Lens must be used at fixed focal length.	Dome port recommended.
	5516.12 Dome Port 5516.65 Lens Extension No vignetting at any focal length. No zoom control – Lens must be used at a fixed focal length.		
<b>8 mm M.Zuiko f/1.8 Fisheye PRO</b>	5516.11 Dome Port 5516.65 Lens Extension 1.2-inch Some vignetting will be present.	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No vignetting.	Dome port recommended.
<b>9-18 mm Olympus f/4.0-5.6 ED</b>	5516.15 Dome Port with Zoom 5515.01 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	Dome port recommended.
<b>12 mm Olympus f/2.0</b>	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	Dome port recommended.
<b>12-40 mm Olympus f/2.8 ED PRO</b>	5516.15 Dome Port with Zoom 5516.65 Lens Extension 1.2-inch 5509.28 Zoom Sleeve Set	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	Dome port recommended.

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>12-50 mm Olympus f/3.5-6.3 ED EZ</b>	5516.15 Dome Port with Zoom 5515.02 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	
<b>14-42 mm Olympus f/3.5-5.6 ED</b>	5516.15 Dome Port with Zoom 5515.03 Zoom Sleeve		
<b>14-42 mm Olympus f/3.5-5.6 ED EZ</b>	5516.15 Dome Port with Zoom 5515.04 Zoom Sleeve		
<b>14-42 mm Olympus f/3.5-5.6 ED II</b> <b>14-42 mm Olympus f/3.5-5.6 ED II R</b>	5516.15 Dome Port with Zoom 5515.01 Zoom Sleeve		
<b>14-42 mm Olympus f/3.5-5.6 ED II</b> <b>+ Fisheye Converter FCON-P01</b>	5516.15 Dome Port with Zoom 5516.65 Lens Extension 1.2-inch 5515.01 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.65 Lens Extensions 1.2-inch 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	
<b>14-150 mm Olympus f/4.0-5.6 ED II</b>	Lens not recommended for use underwater due to range.		
<b>17 mm Olympus f/1.8</b>	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	Dome port recommended
<b>19 mm Sigma f/2.8 EX DN</b>	5516.11 Dome Port		
<b>25 mm Olympus f/1.8</b>	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	5516.45 Flat Port Standard
<b>40-150 mm Olympus f/4.0-5.6 ED R</b>	Lens not recommended for use underwater due to range.		
<b>45 mm Olympus f/1.8</b>		Flat port recommended.	5516.45 Flat Port Standard

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>60 mm Olympus f/2.8 Macro ED</b>		Flat port recommended.	5516.50 Flat Port Extended
<b>75 mm Olympus f/1.8</b>	Lens not recommended for use underwater due to minimum focus distance (33.07" / 0.84m).		
<b>75-300 mm Olympus f/4.8-6.7 ED II</b>	Lens not recommended for use underwater due to range and minimum focus distance (35.43" / 0.90m).		

# Panasonic Micro Four Thirds Lenses

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>8 mm Panasonic f/3.5 Fisheye H-F008</b>	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	Dome port recommended
<b>7-14 mm Panasonic f/4.0 ASPH H-F007014</b>	5516.15 Dome Port with Zoom 5515.20 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter Lens must be used at a fixed focal length. No vignetting.	Dome port recommended
<b>12-32 mm Panasonic f/3.5-5.6 ASPH H-FS12032K</b>	5516.15 Dome Port with Zoom 5515.01 Zoom Sleeve		
<b>12-35 mm Panasonic f/2.8 ASPH H-HS12035</b>	5516.15 Dome Port with Zoom 5515.44 Zoom Sleeve		
<b>12-60 mm Panasonic f/3.5-5.6 ASPH Power OIS</b>	5516.15 Dome Port 5516.65 Extension 5509.27 Zoom set Slight vignetting will be present.	5510.45 Modular 8-inch Dome 5516.65 Extension 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	5516.45 Flat Port 5516.69 Extension No vignetting between 30-60mm. No zoom control – Lens must be used at fixed focal length.
<b>14 mm Panasonic f/2.5 ASPH II H-H014AK</b>	Port recommendation not available for this lens.		
<b>14-42 mm Panasonic f/3.5-5.6 H-FS014042</b>	5516.15 Dome Port Zoom sleeve not available; lens must be used at a fixed focal length.		
<b>14-42 mm Panasonic f/3.5-5.6 II ASPH Mega OIS H-FS1442A</b>	5516.15 Dome Port 5515.21 Zoom Sleeve		
<b>14-42 mm Panasonic f/3.5-5.6 ASPH POWER OIS H-PS14042S</b>	Port recommendation not available for this lens.		



	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>14-45 mm Panasonic f/3.5-5.6 ASPH MEGA OIS</b> H-FS014045	5516.15 Dome Port with Zoom 5515.22 Zoom Sleeve		
<b>14-140 mm Panasonic f/3.5-5.6 ASPH</b> H-FS14140 <b>14-140 mm Panasonic f/4.0-5.8 ASPH</b> H-VS014140	Lens not recommended for use underwater due to zoom range.		
<b>15 mm Panasonic f/1.7 ASPH</b> H-X015 <b>15 mm Panasonic f/1.7 ASPH</b> H-X015K	Port recommendation not available for this lens.		
<b>19 mm Sigma f/2.8 EX DN</b>	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	
<b>20 mm Panasonic f/1.7 II ASPH</b> H-H020A	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	5516.45 Flat Port
<b>25 mm Panasonic f/1.4 ASPH</b> H-X025			5516.45 Flat Port
<b>30 mm Panasonic f/2.8 ASPH MEGA OIS</b> H-HS030	Port recommendation not available for this lens.		
<b>35-100 mm Panasonic f/2.8 OIS</b> H-HS35100E	Lens cannot focus close enough for use behind a dome.		5516.50 Flat Port Extended 5516.65 Lens Extension No zoom – must be used at fixed focal length. Lens not recommended due to minimum focus distance (35.43" / 0.90m).
<b>35-100 mm Panasonic f/4.5-5.6 ASPH MEGA OIS</b> H-FS35100	Lens cannot focus close enough for use behind a dome.		5516.50 Flat Port Extended No zoom – must be used at fixed focal length. Lens not recommended due to minimum focus distance (35.43" / 0.90m).
<b>45 mm Panasonic f/2.8 ASPH MEGA OIS</b> H-ES045	Flat port recommended.		5516.45 Flat Port Standard

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>45-150 mm Panasonic</b> H-FS45150K <b>45-175 mm Panasonic f/4.0-5.6 ASPH</b> H-PS45175K <b>45-200 mm Panasonic f/4.0-5.6</b> H-FS045200	Lens not recommended for use underwater due to range.		
<b>100-300 mm Panasonic f/4.0-5.6</b> H-FS100300	Lens not recommended for use underwater due to range.		

# Sony E-Mount (NEX) Lenses

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>10-18 mm Sony f/4 OSS E SEL1018</b>	5516.15 Dome Port with Zoom 5515.43 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	Dome port recommended
<b>12 mm Sony f/2.8 Carl Zeiss Touit</b>	5516.12 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	Dome port recommended
<b>16 mm Sony f/2.8 E SEL16F28</b>	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	Dome port recommended
<b>16 mm Sony f/2.8 E SEL16F28</b> + <b>Ultra Wide Converter VCL-ECU1</b>	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	Dome port recommended
<b>16 mm Sony f/2.8 E SEL16F28</b> + <b>Ultra Wide Converter VCL-ECU2</b>	Port recommendation not available for this lens combination.		
<b>16 mm Sony f/2.8 E SEL16F28</b> + <b>Sony Fisheye Conversion Lens VCL-ECF1</b> <b>16 mm Sony f/2.8 E SEL16F28</b> + <b>Sony Fisheye Converter VCL-ECF2</b>	5516.11 Dome Port	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter Minimal vignetting (shadows in the corner of the image) will be present.	Dome port recommended
<b>16-35 mm Sony FE f/4 ZA OSS Vario-Tessar T*</b> <ul style="list-style-type: none"> <li>Due to the diameter of this lens, the Lens Extension must be attached to the housing and camera body installed prior to attaching lens to the camera.</li> </ul>	5516.15 Dome Port with Zoom 5516.65 Lens Extension 5509.28 Zoom Set* * Use clear sleeve only with 1/8" thick foam strips attached directly to the inside of the zoom sleeve.		

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>16-35 mm Canon EF f/4L USM</b> <b>+ Metabones EF to E Mount Adapter</b>	5516.12 Dome Port 5516.65 Lens Extension 5516.70 Lens Extension No zoom control – Lens must be used at fixed focal length.	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter 5516.65 Lens Extension 5516.70 Lens Extension No zoom control – Lens must be used at fixed focal length.	
<b>16-50 mm Sony f/3.5-5.6 OSS E PZ SELP1650</b>	5516.15 Dome Port with Zoom 5515.41 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	
<b>16-70 mm Sony f/4 ZA OSS Vario-Tessar T* E</b> SEL1670Z	5516.15 Dome Port with Zoom 5516.65 Lens Extension 5509.29 Zoom Sleeve +2 close-up lens is required for this lens to focus behind a 6-inch dome.	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter 5516.65 Lens Extension No zoom control – Lens must be used at fixed focal length.	5510.45 Flat Port Standard 5516.70 Lens Extension No zoom control – Lens must be used at fixed focal length. Vignetting will be present between 16mm and 50mm.
<b>18-55 mm Sony f/3.5-5.6 OSS E SEL1855</b>	5516.15 Dome Port with Zoom 5515.42 Zoom Sleeve	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	
<b>18-105 mm Sony f/4 G OSS E PZ SELP18105G</b>	Port recommendation not available for this lens.		
<b>18-200 mm Sony f/3.5-6.3 OSS E SEL18200(LE)</b>	Lens not recommended for use underwater due to range.		
<b>20 mm Sony f/2.8 E SEL20F28</b>	5516.11 Dome Port		
<b>24-70 mm Sony FE f/4 ZA OSS Carl Zeiss Vario Tessar T*</b> <ul style="list-style-type: none"> <li>Due to the diameter of this lens, the Lens Extension must be attached to the housing and camera body installed prior to attaching lens to the camera.</li> </ul>	5516.15 Dome Port with Zoom 5516.69 Lens Extension 5509.28 Zoom Set		

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>24-240 mm Sony f/3.5-6.3 OSS E SEL24240</b>	Lens not recommended for use underwater due to range.		
<b>28 mm Sony f/2 FE SEL28F20</b>	5516.15 Dome Port with Zoom 5509.31 Zoom Set * * The 5516.15 Dome Port can be used without a zoom set for autofocus only. Use in conjunction with the 5509.31 Zoom Set for manual focus. Alternative autofocus only options for this lens are 5516.11 or 5516.12 Dome Ports.	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	
<b>28 mm Sony f/2 FE + Ultra Wide Converter SEL075UWC</b>	5516.12 Dome Port 5516.70 Lens Extension	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	
<b>28-70 mm Sony f/3.5-5.6 OSS FE SEL2870</b>	5516.15 Dome Port with Zoom 5509.31 Zoom Set	5510.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter No zoom control – Lens must be used at fixed focal length.	
<b>30 mm Sony E f/3.5 Macro E SEL30M35</b>	Flat port recommended		5516.45 Flat Port Standard
<b>35 mm Sony f/1.8 OSS E SEL35F18</b>	Port recommendation not available for this lens.		
<b>50 mm Sony f/1.8 OSS E SEL50F18 50 mm Sony f/1.8 FE</b>	5516.11 Dome Port + 4 Close-up Lens Required	5516.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter + 4 Close-up Lens Required	5516.45 Flat Port Standard
<b>50 mm Sony f/2.8 Macro</b>	5516.11 Dome Port	5516.45 Modular 8-inch Dome 5516.80 Mirrorless Port Adapter	5516.45 Flat Port Standard
<b>50 mm Zeiss Touit f/2.8</b>	Flat port recommended		5516.45 Flat Port Standard 5516.65 Lens Extension
<b>55-210 mm Sony f/4.5-6.3 OSS E SEL55210</b>	Lens not recommended for use underwater due to range.		

	<b>6-inch Dome Option</b> <i>Compact + Zoom Function</i>	<b>8-inch Dome Option</b> <i>Best for Wide Angle</i>	<b>Flat Port</b> <i>Best for Macro Close-Up</i>
<b>60 mm Canon f/2.8 Macro + Metabones EF to E Mount Adapter</b>		Flat port recommended	5516.50 Flat Port 5516.65 Lens Extension Tripod foot must be removed from Metabones adapter.
<b>90 mm Sony f/2.8 G OSS Macro</b>		Flat port recommended	5516.50 Flat Port 5516.70 Lens Extension
<b>100 mm Canon f/2.8L EF IS USM Macro + Metabones EF to E Mount Adapter</b>		Flat port recommended	5516.50 Flat Port 5516.65 Lens Extension 5516.70 Lens Extension Tripod foot must be removed from Metabones adapter.