CORE UNIT COMPATIBILITY

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Backpack

Core Unit		Action X					Explore v2			Urban Explore			Side Lite	Side Street		Sidecountry	
Standard Core Units	**Maximum Camera/Lens Combo Length**	X25	X30	X40	X50	X70 X70HD	25	30	35	20	25	30	22	22	28	28	32
Mirrorless (ML) – Small	11 in / 27 cm	●	●	●	●	●	●	●	●	●	●						
Mirrorless (ML) – Medium	11 in / 28 cm		●	●	●	●		●	●		●						
Mirrorless (ML) – Large	14.6 in / 37 cm		●	●	●	●		●	●		●						
DSLR – Small	10.6 in / 26.5 cm		●	●	●	●		●	●		●						
DSLR – Medium	11 in / 28 cm			●	●	●			●								
DSLR – Large	15.7 in / 40 cm			●	●	●			●								
DV – Large	15.7 in / 40 cm					●											
DV – Extra Large	18.9 in / 48 cm					●											
DV – XXL	21.7 in / 55 cm					●											
25–Liter Backpacks (narrower)																	
Mirrorless (ML) 25 – X-Small	9.4 in / 24 cm	●	●	●	●		●	●	●	●	●						
Mirrorless (ML) 25 – Small	11 in / 28 cm	●	●	●	●		●	●	●	●	●						
Mirrorless (ML) 25 – Large RST	16.9 in / 43 cm	●	●	●	●		●			●	●						
Super Telephoto/Max. Gear Fit																	
Mirrorless (ML) – XL30 RST	18.1 in / 46 cm		●	●	●			●	●		●						
DSLR – XL40 RST	19.7 in / 50 cm			●	●												
DSLR – XL50 RST	20.9 in / 53 cm				●												
Top Loader																	
Small	8.3–12 in / 21–30 cm	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●
Medium	8.3–12 in / 21–30 cm	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●
Large	8.3–12 in / 21–30 cm	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●

● Best Match ● Good Match ● OK Match

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HOW TO CHOOSE A CORE UNIT

5 Steps to Find Your Fit



1

Measure the Height of the camera and the Length and Diameter of your largest lens.



2

Based on the Height of your camera and the Diameter of your lens, choose a Core Unit series.

Example:
Most un-gripped Mirrorless/DSLR bodies fit in Mirrorless (ML) Core Units — (up to 4.7in/12cm). All gripped Mirrorless/DSLR bodies will need the DSLR Core Units — (up to 6.3in/16cm).

Mirrorless: Up to 4.7in/12cm
ML25: Same as above. For our 25L packs.
DSLR: Up to 6.3in/16cm
RST: Super tele lens support
DV: Up to 7.9in/20cm



3

Choose a Core Unit size based upon the length of your largest lens and overall gear needs.

Examples:
A camera attached to 70-200mm 2.8 fits in Medium. A camera attached to 200-600mm fits in Large. A camera attached to 600mm 4.0 fits in RST50.



4

Select a backpack that's compatible with your chosen core unit using our Compatibility Chart ↗



5

Most standard kits (camera body plus 2 - 3 lenses) will fit in a Medium Core Unit. This is a great starting point.

Please refer to the specific core unit product page for additional dimensions and more information.

Need help? Contact Support@ShimodaDesigns.com ↗