



N120/N100 FISHEYE CONVERSION PORT WITH INTEGRATED FLOAT COLLAR FCP-1

170 DEG. FOV WITH COMPATIBLE 28MM LENSES

		CAMERA LENS	GEAR	PORT ADAPTOR / EXTENSION RING	EXTENSION RING / PORT CONVERTER	PORT	OPTICAL PERFORMANCE	
N120 CINEMA SYSTEM EF & RF-MOUNT (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)	STANDARD ZOOM FULL FRAME	Canon RF 24-50mm F4.5-6.3 IS STM	16347 RF2450 Gear Set		22120 N120 Extension Ring 20 II	85207 N120/N100 FCP-1	On APS-C Sensor Lens FOV Converted FOV	59-30° 114-57°
	WIDE ANGLE FULL FRAME	Canon EF 28-80mm f/3.5-5.6 V Lens	16344 C2880VUSM Gear Set		22110 + 22130 N120 Extension Ring 10 II + N120 Extension Ring 30 II	85207 N120/N100 FCP-1 * slight vignetting at 28mm ~ 31mm	On Full Frame Sensor Lens FOV Converted FOV	75-46° 170-87° 28-50mm
N120 CINEMA SYSTEM Z-MOUNT (RED KOMODO-X/M-RAPTOR [X])	STANDARD ZOOM FULL FRAME	Nikon Z 24-50mm f/4-6.3 Lens	TBD Gear Set			85207 N120/N100 FCP-1	On APS-C Sensor Lens FOV Converted FOV Zoom Range	75-42° 170-78° 18-35mm
	WIDE ANGLE FULL FRAME	Canon RF 14-35mm f/4L IS USM IS STM Lens	16342 RF1435 Gear Set		22140 N120 Extension Ring 40 II	85207 N120/N100 FCP-1	On Full Frame Sensor Lens FOV Converted FOV Zoom Range Circular Fisheye (remove shade) Converted FOV Zoom Range	75-63° 170-122° 28-35mm * slight vignetting at 28mm 180° at 14mm only
N120 NIKON F-MOUNT	STANDARD ZOOM FX	Nikon AF-S Nikkor 28mm f/1.8 G			22135 N120 Extension Ring 35 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV	75° 170°
	STANDARD ZOOM FX	Nikon AF Nikkor 28-70mm f/3.5-4.5D	19148 N2870F3.5D-Z		22120 + 22125 N120 Extension Ring 20 II + N120 Extension Ring 25 II	85207 N120/N100 FCP-1 * slight vignetting at 28mm ~ 31mm	Lens FOV Converted FOV	75-34° 170-62°
	WIDE ANGLE FX	Nikon AF-S NIKKOR 16-35mm f/4G ED VR	19138 N1635-Z		22180 N120 Extension Ring 80 II	85207 N120/N100 FCP-1	On DX Sensor Lens FOV Converted FOV Zoom Range On Full Frame Sensor Lens FOV Converted FOV Zoom Range * slight vignetting at 28mm	72-44° 158-83° 20-35mm 75-63° 170-122° 28-35mm
	WIDE ANGLE FX	Nikon AF-S 17-35mm f/2.8D IF-ED	19130 N1735-Z		22160 N120 Extension Ring 60 II	85207 N120/N100 FCP-1	On DX Sensor Lens FOV Converted FOV Zoom Range On Full Frame Sensor Lens FOV Converted FOV Zoom Range	72-44° 170-83° 18-35mm 75-63° 170-122° 28-35mm
N120 NIKON Z-MOUNT (Z7II / Z8 / Z9)	STANDARD ZOOM FX	Nikkor Z 24-50mm f/4-6.3 Lens	19165 (V1) / 192xx (V2) N22850-Z with limitor ring (V1) / Z2850-Z with limitor ring (V2)			85207 N120/N100 FCP-1	Lens FOV Converted FOV Zoom Range	75-47° 170-87° 28-50mm
	STANDARD ZOOM FX	Nikkor Z 24-70mm f/2.8 S II Lens	19166 (V1) N22470H-Z (V1)	22130 N120 Extension Ring 30 II	22135 N120 Extension Ring 35 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV Zoom Range * slight vignetting at 28mm	75-34° 170-62° 28-70mm
	WIDE ANGLE FX	Nikkor Z 14-30mm f4 S Lens	19156 (V1) / 19203 (V2) N21430-Z (V1) / Z1430-Z (V2)		22135 N120 Extension Ring 35 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV Zoom Range Circular Fisheye (remove shade) Converted FOV Zoom Range	75-72° 170-158° 28-30mm 180° at 14mm only
N120 NIKON Z-MOUNT (Z6III / Z5II)	STANDARD ZOOM FX	Nikkor Z 24-50mm f/4-6.3 Lens	19232 (V3) / 19233 (V3) Z2450-Z (V3) / Z2450-Z (V3) / Z2850-Z (V3) with limitor ring (V3)		22125 N120 Extension Ring 25 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV Zoom Range	75-47° 170-87° 28-50mm
	STANDARD ZOOM FX	Nikkor Z 24-70mm f/2.8 S II Lens	19236 (V3) Z2470H-Z (V3)		22190 N120 Extension Ring 90 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV Zoom Range * slight vignetting at 28mm	75-34° 170-62° 28-70mm
	WIDE ANGLE FX	Nikkor Z 14-30mm f4 S Lens	19235 (V3) Z1430-Z (V3)		22160 N120 Extension Ring 60 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV Zoom Range	75-72° 170-158° 28-30mm
N120 CANON EF-MOUNT	STANDARD ZOOM FULL FRAME	Canon EF 28mm f1.8 USM			22110 N120 Extension Ring 10 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV	75° 170°
	STANDARD ZOOM FULL FRAME	Canon EF 28-70mm f/3.5-4.5 II	19557 C2870F3.5II-Z		22135 N120 Extension Ring 35 II	85207 N120/N100 FCP-1 * slight vignetting at 28mm ~ 31mm	Lens FOV Converted FOV	75-34° 170-62°
	STANDARD ZOOM FULL FRAME	Canon EF 28-80mm f/3.5-5.6 V USM	19559 C2880F3.5V-Z		22110 + 22130 N120 Extension Ring 10 II + N120 Extension Ring 30 II	85207 N120/N100 FCP-1 * slight vignetting at 28mm ~ 31mm	Lens FOV Converted FOV	75-30° 170-57°
N120 CANON RF-MOUNT	STANDARD ZOOM FULL FRAME	Canon EF 16-35mm f/4 IS USM	19548 C1635F4-Z		22170 N120 Extension Ring 70 II	85207 N120/N100 FCP-1	On APS-C Sensor Lens FOV Converted FOV Zoom Range On Full Frame Sensor Lens FOV Converted FOV Zoom Range	75-42° 170-78° 18-35mm 75-63° 170-122° 28-35mm
	WIDE ANGLE FULL FRAME	Canon RF 24-50mm f/4.5-6.3 IS STM	19599 CR2850-Z with limitor ring		22120 N120 Extension Ring 20 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV Zoom Range	75-46° 170-87° 28-50mm
N120 PANASONIC L-MOUNT	STANDARD ZOOM CANON EF-MOUNT	Canon EF 28-70mm f/3.5-4.5 II with Sigma Mount Converter MC-21	19557 C2870F3.5II-Z		22135 N120 Extension Ring 35 II	85207 N120/N100 FCP-1 * slight vignetting at 28mm ~ 31mm	Lens FOV Converted FOV	75-34° 170-62°
	STANDARD ZOOM MEDIUM FORMAT	Fujifilm GF 35-70mm f/4.5-5.6 WR	19826 GF3570-Z		22150 N120 Extension Ring 50 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV	75-43° 170-80°
N100 CANON RF-MOUNT	STANDARD ZOOM APS-C	Canon RF-S 18-45mm f/4.5-6.3 IS STM	19596 CRS1845-Z		37402 / 37432 N100 Extension Ring 40 / N100 Extension Ring 40 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV	74-34° 170-62°
N100 SONY E-MOUNT	STANDARD ZOOM FULL FRAME	Sony SEL2860 FE 28-60mm F4.5-6	37163 SFE2860-Z	37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 SN-A544975 onwards, older version 37305 can be upgraded using lock mechanism 95851	37408 / 37431 N100 Extension Ring 35 / N100 Extension Ring 35 II	85207 N120/N100 FCP-1 * slight vignetting at 28mm	Lens FOV Converted FOV	75-40° 170-74°
	STANDARD ZOOM FULL FRAME	Sony SEL2870 FE 28-70mm F3.5-5.6 OSS	37141 SE2870-Z	37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 SN-A544975 onwards, older version 37305 can be upgraded using lock mechanism 95851	37430 + 37430 N100 Extension Ring 30 II + N100 Extension Ring 30 II	85207 N120/N100 FCP-1	Lens FOV Converted FOV	75-34° 170-62°
	STANDARD ZOOM FULL FRAME	Sony FE 14mm f/1.8 GM		37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 SN-A544975 onwards, older version 37305 can be upgraded using lock mechanism 95851	37430 + 37432 N100 Extension Ring 30 II + N100 Extension Ring 40 II	85207 N120/N100 FCP-1	Circular Fisheye (remove shade) Converted FOV Zoom Range	180° at 14mm only
	WIDE ANGLE FULL FRAME	Sigma 14mm f/1.4 DG DN Art		37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 SN-A544975 onwards, older version 37305 can be upgraded using lock mechanism 95851	22190 N120 Extension Ring 90 II	85207 N120/N100 FCP-1	Circular Fisheye (remove shade) Converted FOV Zoom Range	180° at 14mm only
	WIDE ANGLE FULL FRAME	Sigma 14mm f/1.8 DG HSM Art		37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 SN-A544975 onwards, older version 37305 can be upgraded using lock mechanism 95851	22190 N120 Extension Ring 90 II	85207 N120/N100 FCP-1	Circular Fisheye (remove shade) Converted FOV Zoom Range	180° at 14mm only
N100 SONY E-MOUNT	STANDARD ZOOM FULL FRAME	Sigma 14-24mm F2.8 DG DN	19726 SLE1424-Z	37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 SN-A544975 onwards, older version 37305 can be upgraded using lock mechanism 95851	22155 N120 Extension Ring 55 II	85207 N120/N100 FCP-1	Circular Fisheye (remove shade) Converted FOV Zoom Range	180° at 14mm only

85207
N120/N100 Fisheye Conversion Port with Integrated Float Collar (FCP-1)
170 deg. FOV with compatible 28mm lenses

Specifications

Dimension (mm)	:	DIA 198 x H 136 (from port mount to front lens element)
Weight in Air	:	3.20 kg
Buoyancy in Water	:	Negative 0.40 kg
Body Construction	:	Hard-anodized aluminum alloy
Lens Construction	:	6 Elements in 5 Groups
Lens Coating	:	Anti-reflection coating outside of dome
Focus Distance	:	From front element of lens to infinity
Maximum FOV (underwater)	:	170° (Ref. 28mm equivalent)
Lens Mount	:	180° circular fisheye (Ref 14mm equivalent) * remove shade
Depth Rating	:	100m
Pre-installed	:	Integrated aluminium float collar

Package includes

- FCP-1 with integrated float collar
- Removable shade
- N120 port mount with cap (preinstalled)
- N100 port mount ring with cap
- Front hard lens cap
- Rear lens caps
- 90140 N120 Port O-ring
- 90141 N100 Port O-ring
- Cleaning Cloth
- Lubricant
- Padded carrying bag

Last Updated : 2025-10-24

* This port chart is subject to updating as new information becomes available