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 (REDS, CANON, PANASONIC, Z-CAM, BLACKMAGIC) / STANDARD ZOOM / FULL FRAME	Canon RF 24-50mm F4-5.6-3.5 STM	18347 RF3450 Gear Set	21120 / 22120 N120 Extension Ring 20 / I / II	85207 N120/N100 FCP - 1	On APS-C Sensor Lens FOV 59.30° Converted FOV 114.57° On Full Frame Sensor Lens FOV 75.48° Converted FOV 170.87° Zoom Range 28-50mm	
	Canon RF 14mm f/1.4 L VCM	18342 RF1405 Gear Set	21140 / 22140 N120 Extension Ring 40 / II	85207 N120/N100 FCP - 1	Lens FOV 114° Converted FOV 180°	
	Canon RF 14-35mm f/4L IS USM IS STM Lens	18342 RF1405 Gear Set	21140 / 22140 N120 Extension Ring 40 / II	85207 N120/N100 FCP - 1	On APS-C Sensor Lens FOV 75.42° Converted FOV 170.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.63° Converted FOV 170.122° Zoom Range 28-35mm * slight vignetting at 28mm Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only	
N120 CINEMA SYSTEM EF & RF-MOUNT (RED DRAGON & GEMINI FOR PR) / STANDARD ZOOM / FULL FRAME	Nikkor Z 24-50mm f/4-6.3 Lens	TBD Gear Set		85207 N120/N100 FCP-1	On Full Frame Sensor Lens FOV 75.47° Converted FOV 170.87° Zoom Range 28-50mm	
N120 NIKON F-MOUNT / STANDARD ZOOM	Nikon AF-S Nikkor 28mm f/1.8 G		21135 / 22135 N120 Extension Ring 35 / I / II	85207 N120/N100 FCP-1	Lens FOV 75° Converted FOV 170°	
	Nikon AF Nikkor 28-70mm f/3.5-4.5D	19148 N28705-3D-Z	22120 + 22120 N120 Extension Ring 20 X + N120 Extension Ring 25 II	85207 N120/N100 FCP-1 * slight vignetting at 28mm – 31mm	Lens FOV 75.34° Converted FOV 170.62°	
N120 NIKON F-MOUNT / WIDE ANGLE / FX-MOUNT	Nikon AF-S NIKKOR 16-35mm f/4G ED VR	19138 N1635-Z	21180 / 22180 N120 Extension Ring 80 / II	85207 N120/N100 FCP-1	On DX Sensor Lens FOV 72.44° Converted FOV 158.83° Zoom Range 20-35mm On Full Frame Sensor Lens FOV 75.63° Converted FOV 170.122° Zoom Range 28-35mm * slight vignetting at 28mm	
	Nikon AF-S 17-35mm f/2.8D IF-ED	19130 N1735-Z	21160 / 22160 N120 Extension Ring 60 / I / II	85207 N120/N100 FCP-1	On DX Sensor Lens FOV 72.44° Converted FOV 170.83° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.63° Converted FOV 170.122° Zoom Range 28-35mm	
N120 NIKON Z-MOUNT (Z7II Z6II Z9) / STANDARD ZOOM	Nikkor Z 24-50mm f/4-6.3 Lens	19165 NZ2850-Z with limitor ring		85207 N120/N100 FCP-1	Lens FOV 75.47° Converted FOV 170.87° Zoom Range 28-50mm	
	Nikkor Z 24-70mm f/2.8 S Lens	19166 NZ2470-Z	21130 / 22130 N120 Extension Ring 30 / I / II	21135 / 22135 N120 Extension Ring 35 / I / II	85207 N120/N100 FCP-1	Lens FOV 75.34° Converted FOV 170.62° Zoom Range 28-70mm * slight vignetting at 28mm
N120 NIKON Z-MOUNT (Z7II Z6II Z9) / WIDE ANGLE / FX-MOUNT	Nikkor Z 14-30mm f/4 S Lens	19156 NZ1430-Z		21135 / 22135 N120 Extension Ring 35 / I / II	85207 N120/N100 FCP-1	Lens FOV 75.72° Converted FOV 170.158° Zoom Range 28-30mm Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only
N120 NIKON Z-MOUNT (Z6II Z7II) / STANDARD ZOOM / FULL FRAME	Nikkor Z 24-50mm f/4-6.3 Lens	19232 ZD450-ZI or 19233 ZD850-ZI with limitor ring 19232 + 19243 ZD450-ZII + ZD450-FII	22125 N120 Extension Ring 25 II	85207 N120/N100 FCP - 1	Lens FOV 75.47° Converted FOV 170.87° Zoom Range 28-50mm	
	Nikkor Z 24-70mm f/2.8 S Lens	19236 ZD470-ZII 19236 + 19246 ZD470II-ZII + ZD470II-FII	22225 N120 FTZ Adaptor ER 25 with Knob 22225 N120 FTZ Adaptor ER 25 with Knob	21190 / 22190 N120 Extension Ring 90 / II 21180 / 22180 N120 Extension Ring 80 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.34° Converted FOV 170 - 62° Zoom Range 28-70mm * slight vignetting at 28mm
N120 NIKON Z-MOUNT (Z6II Z7II) / SONY E-MOUNT	Sony FE 28-60mm f4-5.6 OSS with Megadap ETZ 21+ Autofocus Adapter	19237 ZS2860-Z	21120 / 22120 N120 Extension Ring 20 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.40° Converted FOV 170.74° * slight vignetting at 28mm	
N120 NIKON Z-MOUNT (Z6II Z7II) / WIDE ANGLE / FX	Nikkor Z 14-30mm f/4 S Lens	19235 ZI430-ZI 19235 + 19245 ZI430-ZII + ZI430-FII	21160 / 22160 N120 Extension Ring 60 / I / II 22225 N120 FTZ Adaptor ER 25 with Knob 21135 / 22135 N120 Extension Ring 35 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.72° Converted FOV 170.158° Zoom Range 28-30mm Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only	
N120 NIKON Z-MOUNT (Z6II Z7II) / STANDARD ZOOM / FULL FRAME	Nikkor Z 24-50mm f/4-6.3 Lens	19232 ZD450-ZI or 19233 ZD850-ZI with limitor ring	22125 N120 Extension Ring 25 II	85207 N120/N100 FCP - 1	Lens FOV 75.47° Converted FOV 170.87° Zoom Range 28-50mm	
	Nikkor Z 24-70mm f/2.8 S Lens	19236 ZD470-ZII	21190 / 22190 N120 Extension Ring 90 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.34° Converted FOV 170 - 62° Zoom Range 28-70mm * slight vignetting at 28mm	
N120 NIKON Z-MOUNT (Z6II Z7II) / SONY E-MOUNT	Sony FE 28-60mm f4-5.6 OSS with Megadap ETZ 21+ Autofocus Adapter	19237 ZS2860-Z	21120 / 22120 N120 Extension Ring 20 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.40° Converted FOV 170 - 74° * slight vignetting at 28mm	
N120 NIKON Z-MOUNT (Z6II Z7II) / WIDE ANGLE / FX	Nikkor Z 14-30mm f/4 S	19235 ZI430-ZI	21160 / 22160 N120 Extension Ring 60 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.72° Converted FOV 170 - 158° Zoom Range 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 79° Converted FOV 170°	
	Canon EF 28-70mm f/3.5-4.5 II	19557 CZ8735.50-Z	21135 / 22135 N120 Extension Ring 35 / I / II	85207 N120/N100 FCP-1 * slight vignetting at 28mm – 31mm	Lens FOV 75.34° Converted FOV 170-62°	
	Canon EF 28-80mm f/3.5-5.6 V USM	19559 CZ8835.5V-Z	21140 / 22140 N120 Extension Ring 40 / I / II	85207 N120/N100 FCP-1 * slight vignetting at 28mm – 31mm	Lens FOV 75.30° Converted FOV 170-57°	
N120 CANON EF-MOUNT / WIDE ANGLE / FULL FRAME	Canon EF 16-35mm f/4 IS USM	19548 CI1635N-Z	21170 / 22170 N120 Extension Ring 70 / I / II	85207 N120/N100 FCP-1	On APS-C Sensor Lens FOV 75.42° Converted FOV 170.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.63° Converted FOV 170.122° Zoom Range 28-35mm	
N120 CANON RF-MOUNT / STANDARD ZOOM / FULL FRAME	Canon RF 20-50 mm f4 L IS USM PZ	19602 CR2050-Z	21130 / 22130 N120 Extension Ring 30 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.46° Converted FOV 170-104° Zoom Range 28-50mm	
	Canon RF 24-50mm f4-5.6-3.5 STM Lens	19599 CR2450-Z with limitor ring	21120 / 22120 N120 Extension Ring 20 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.48° Converted FOV 170-87° Zoom Range 28-50mm	
N120 CANON RF-MOUNT / WIDE ANGLE / FULL FRAME	Canon RF 14mm f/1.4 L VCM		21140 / 22140 N120 Extension Ring 40 / I / II	85207 N120/N100 FCP - 1	Lens FOV 114° Converted FOV 180°	
	Canon RF 14-35mm f/4L IS USM IS STM Lens	19574 CR1435-Z	21140 / 22140 N120 Extension Ring 40 / I / II	85207 N120/N100 FCP - 1 * slight vignetting at 28mm	Lens FOV 75.63° Converted FOV 170-122° Zoom Range 28-35mm Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only	
N120 CANON RF-MOUNT (C70 / R6III R6V) / STANDARD ZOOM / FULL FRAME	Canon RF 20-50 mm f4 L IS USM PZ	19641 RF2050-Z	21150 / 22150 N120 Extension Ring 50 / I / II	85207 N120/N100 FCP - 1	Lens FOV 75.48° Converted FOV 170-104° Zoom Range 28-50mm	
	Canon RF 24-50mm f/4-5.6-3 IS STM	19633 RF2450-Z or 19635 RF2850-Z with limitor ring	21140 / 22140 N120 Extension Ring 40 / I / II	85207 N120/N100 FCP-1	Lens FOV 75.48° Converted FOV 170-87° Zoom Range 28-50mm	
N120 CANON RF-MOUNT (C70 / R6III R6V) / WIDE ANGLE / FULL FRAME	Canon RF 14mm f/1.4 L VCM		21160 / 22160 N120 Extension Ring 60 / I / II	85207 N120/N100 FCP - 1	Lens FOV 114° Converted FOV 180°	
	Canon RF 14-35mm f/4L IS USM	19632 + 19646 RF1435-Z + RF1435-F * Gear Set is compatible with R6III housing	21160 / 22160 N120 Extension Ring 60 / I / II	85207 N120/N100 FCP - 1 * slight vignetting at 28mm	Lens FOV 75.63° Converted FOV 170-122° Zoom Range 28-35mm Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only	
N120 PANASONIC L-MOUNT / N120 CANON EF-MOUNT	Canon EF 28-70mm f/3.5-4.5 II with Sigma Mount Converter MC-21	19557 CZ8735.50-Z	21135 / 22135 N120 Extension Ring 35 / I / II	85207 N120/N100 FCP-1 * slight vignetting at 28mm – 31mm	Lens FOV 75.34° Converted FOV 170-62°	
N120 FUJIFILM GF-MOUNT / N120 CANON EF-MOUNT	Fujifilm GF 35-70mm f/4.5-5.6 WR	19626 GF3570-Z	21150 / 22150 N120 Extension Ring 50 / I / II	85207 N120/N100 FCP-1	Lens FOV 75.43° Converted FOV 170-80°	
N100 CANON RF-MOUNT / STANDARD ZOOM / FULL FRAME	Canon RF-S 18-45mm f/4.5-6.3 IS STM	**19696** CR1845-Z	37402 / 37432 N100 Extension Ring 40 / N100 Extension Ring 40 II	85207 N120/N100 FCP-1	Lens FOV 74.34° Converted FOV 170-62°	
N100 SONY E-MOUNT / STANDARD ZOOM / FULL FRAME	Sony SEL2860 FE 28-60mm F4-5.6	37163 SFE2860-Z	37406 / 37431 N100 Extension Ring 35 / N100 Extension Ring 35 II 37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 DN-KIN4975 onwards, older versions of 37305 can be upgraded using lock mechanism #95851	85207 N120/N100 FCP-1 slight vignetting at 28mm	Lens FOV 75.40° Converted FOV 170-74°	
	Sony SEL2870 FE 28-70mm F3.5-5.6 OSS	37141 SE2870-Z 37141 + 37167 SE2870-Z + SE2870-F	37430 + 37430 N100 Extension Ring 30 + N100 Extension Ring 30 II 37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 DN-KIN4975 onwards, older versions of 37305 can be upgraded using lock mechanism #95851 21135 / 22135 N120 Extension Ring 35 / I / II	85207 N120/N100 FCP-1	Lens FOV 75.34° Converted FOV 170-62°	
	Sony FE 14mm f/1.8 GM		37430 + 37432 N100 Extension Ring 30 + N100 Extension Ring 40 II 37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 DN-KIN4975 onwards, older versions of 37305 can be upgraded using lock mechanism #95851 21135 / 22135 N120 Extension Ring 35 / I / II	85207 N120/N100 FCP-1	Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only	
	Sigma 14mm f/1.4 DG DN Art	37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 DN-KIN4975 onwards, older versions of 37305 can be upgraded using lock mechanism #95851	21190 / 22190 N120 Extension Ring 90 / I / II	85207 N120/N100 FCP - 1	Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only	
	Sigma 14mm f/1.8 DG HSM Art	37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 DN-KIN4975 onwards, older versions of 37305 can be upgraded using lock mechanism #95851	21190 / 22190 N120 Extension Ring 90 / I / II	85207 N120/N100 FCP - 1	Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only	
	Sigma 14-24mm F2.8 DG DN	19728 SL2 1424-Z	37305 N100 to N120 35.5mm Port Adaptor II * This setup is only compatible with 37305 DN-KIN4975 onwards, older versions of 37305 can be upgraded using lock mechanism #95851	21155 / 22155 N120 Extension Ring 55 / I / II	85207 N120/N100 FCP - 1	Circular Fisheye (remove shade) Converted FOV 180° Zoom Range 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-corrosion coating outside of dome Anti-reflection coating on other surfaces
Focus Distance	:	From front element of lens to infinity
Maximum FOV (underwater)	:	170° (Ref. 28mm equivalent) 180° circular fisheye (Ref 14mm equivalent) * remove shade
Lens Mount	:	N120/N100 Port Mount
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 : 2026-07-27

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