N120 PORT SYSTEM FOR CANON EF-MOUNT CAMERA SYSTEM

(APS-C & Full Frame Lens)

CAMERA LENS	GEAR	PORT MAGS / PORT ADAPTER	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO (APS-C)							
Canon EF-S 60mm f2.8 Macro USM	19921 DSH1			18704 Macro Port #1	**81238** EF-EOS M Bayonet Mount Converter for DMC/CMC (Included at DPIX CAM packaging)	81202 CMC - C	Max. Magnification 1.0X Working Distance 24-123mm
					EF-EOS M Bayonet + Bayonet Mount: **82204** + **82214** M2 1x Bayonet Mount Converter II + Bayonet Mount Adapter for DMC/CMC	81201 CMC - 1	Max. Magnification 1.0X Working Distance 24-94mm
					82200 M2 1x Bayonet Mount Converter II	87002 CMW, Set #1	Lens FOV Canon/m43FOV 24-31° 46°/180°/120°/100°
MACRO (FULL FRAME)							
Lumes 24mm f2.8 Macro Probe	19105 N120-SG-A Gear Set		23170 + 23171 N120 Extension Ring 10.0 + Focus Knob	18206 Macro Probe Adapter for Lumes/Canon F1.8-2.8x Macro Probe			
Canon EF 40mm f2.8 STM (This setup can only be used on APS-C sensor camera				18706 Macro Port 12	**81236** EF-EOS M Bayonet Mount Converter II (Included at DPIX CAM packaging)	86201 UWL - 1	Max. Magnification 1.0X Working Distance 57-135° On APS-C Sensor Lens FOV Canon/m43FOV 37° 125°
Canon EF 100mm f2.8 Macro USM	19922 DSH1			18702 Macro Port 07	**81238** EF-EOS M Bayonet Mount Converter II (Included at DPIX CAM packaging)	81201 CMC - 1	Max. Magnification 2.0X Working Distance 53-104mm
					EF-EOS M Bayonet + Bayonet Mount: **82204** + **82214** M2 1x Bayonet Mount Converter II + Bayonet Mount Adapter for DMC/CMC	81202 CMC - C	Max. Magnification 4.0X Working Distance 26-50mm
					82200 M2 1x Bayonet Mount Converter II	87001 CMW, Set #1	Lens FOV Canon/m43FOV 24° 46°/180°/120°/100°
Canon EF 100mm f2.8L Macro IS USM	19923 DSH0001			18703 Macro Port 08	**81238** EF-EOS M Bayonet Mount Converter II (Included at DPIX CAM packaging)	81201 CMC - 1	Max. Magnification 2.0X Working Distance 53-104mm
					EF-EOS M Bayonet + Bayonet Mount: **82204** + **82214** M2 1x Bayonet Mount Converter II + Bayonet Mount Adapter for DMC/CMC	81202 CMC - C	Max. Magnification 4.0X Working Distance 26-50mm
					82200 M2 1x Bayonet Mount Converter II	87003 CMW, Set #1	Lens FOV Canon/m43FOV 23.4° 46°/180°/120°/100°
Canon EF 180mm f3.5L Macro USM			23160 N120 Extension Ring 60.0	18703 Macro Port 08	**81238** EF-EOS M Bayonet Mount Converter II (Included at DPIX CAM packaging)	81201 CMC - 1	Max. Magnification 2.0X Working Distance 53-104mm
					EF-EOS M Bayonet + Bayonet Mount: **82204** + **82214** M2 1x Bayonet Mount Converter II + Bayonet Mount Adapter for DMC/CMC	81202 CMC - C	Max. Magnification 4.0X Working Distance 26-50mm
					82200 M2 1x Bayonet Mount Converter II	87001 CMW, Set #1	Lens FOV Canon/m43FOV 24° 46°/180°/120°/100°
Sigma 105mm f2.8 DG DN OSM Macro	19933 DC-DN7		23130 N120 Extension Ring 30.0	18701 Macro Port 03	**81238** EF-EOS M Bayonet Mount Converter II (Included at DPIX CAM packaging)	81201 CMC - 1	Max. Magnification 2.0X Working Distance 53-104mm
					EF-EOS M Bayonet + Bayonet Mount: **82204** + **82214** M2 1x Bayonet Mount Converter II + Bayonet Mount Adapter for DMC/CMC	81202 CMC - C	Max. Magnification 4.0X Working Distance 26-50mm
					82200 M2 1x Bayonet Mount Converter II	87002 CMW, Set #1	Lens FOV Canon/m43FOV 24° 46°/180°/120°/100°
STANDARD ZOOM (APS-C)							
Canon EF-S 10-22mm f/3.5-4.5 IS	19924 CY0100G2		23160 N120 Extension Ring 60.0	18802 8.7 Acrylic Dome Port			
Sigma 17-70mm f2.8-4.5 DC Macro	19932 SC1770-C		23160 N120 Extension Ring 60.0	18802 8.7 Acrylic Dome Port			
STANDARD ZOOM (FULL FRAME)							
Canon EF 24mm f/1.4L II USM			23160 N120 Extension Ring 60.0	18802 8.7 Acrylic Dome Port			
Canon EF 24-70mm f/2.8L II USM	19942 CD0700-2		23170 N120 Extension Ring 70.0	18802 8.7 Acrylic Dome Port			
Canon EF 24-70mm f/4L IS USM	19944 CD0700B-2		23170 N120 Extension Ring 70.0	18802 8.7 Acrylic Dome Port			
Canon EF 24-105mm f/4L IS USM	19945 CD0105-2		23170 N120 Extension Ring 70.0	18802 8.7 Acrylic Dome Port			
Canon EF 24-105mm f/4L IS II USM	19962 CD0105G-2		23170 N120 Extension Ring 70.0	18802 8.7 Acrylic Dome Port			
				18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
			23190 N120 Extension Ring 90.0	18813 230mm Optical Glass Wide Angle Port-5			
Canon EF 28mm f/1.8 USM				81206 N120-M10 MAGP - 10		LensFOV Canon/m43FOV	75° 128°
			23110 N120 Extension Ring 10.0	81207 N120-M10-P - 1		LensFOV Canon/m43FOV	75° 128°
Canon EF 28mm f/2.8 USM				81206 N120-M10 MAGP - 10		LensFOV Canon/m43FOV	75° 128°
				81201 N120-MAGP - 1			
Canon EF 28-70mm f/2.8-4.5 II	19957 CD0700G-2		23125 N120 Extension Ring 25.0	81206 N120-M10 MAGP - 10		LensFOV Canon/m43FOV	72-34° 128-54°
Canon EF 28-105mm f/3.5-5.6 USM			23125 N120 Extension Ring 25.0	81207 N120-M10-P - 1 (Adjustable Port Adapter, 0 - 20mm, 1 - 25mm, 2 - 35mm)		LensFOV Canon/m43FOV Zoom Range	72-34° 128-54° 28-75mm
	21325 N120-to-M10 20mm Port Adapter			81201 N120-MAGP - 1		LensFOV Canon/m43FOV	72-34° 128-54°
				81206 N120-M10 MAGP - 10		LensFOV Canon/m43FOV Zoom Range	75-34° 128-54° 28-75mm
				81201 N120-MAGP - 1		LensFOV Canon/m43FOV	75-34° 128-54°
Canon EF 28-80mm f/3.5-5.6 V USM	19958 CD0005-2		23120 N120 Extension Ring 20.0	18705 Macro Port #5	**81236** EF-EOS M Bayonet Mount Converter II (Included at DPIX CAM packaging)	86201 UWL - 1	94-50° 125-11.5° 60-85mm
			23130 N120 Extension Ring 30.0	81206 N120-M10 MAGP - 10		LensFOV Canon/m43FOV Zoom Range	75-31° 128-54° 60-85mm
				81201 N120-MAGP - 1		LensFOV Canon/m43FOV	75-31° 128-54°
Canon EF 28-80mm f/3.5-5.6 V USM	19959 CD0005-2v-2		23120 N120 Extension Ring 20.0	18705 Macro Port #5	**81236** EF-EOS M Bayonet Mount Converter II (Included at DPIX CAM packaging)	86201 UWL - 1	51.5-30° 128-51° 60-85mm
			23130 N120 Extension Ring 30.0	81206 N120-M10 MAGP - 10		LensFOV Canon/m43FOV Zoom Range	75-31° 128-54° 60-85mm
				81201 N120-MAGP - 1		LensFOV Canon/m43FOV	75-31° 128-54°
			23110 + 23120 N120 Extension Ring 10.0 + N120 Extension Ring 20.0	81207 N120-M10-P - 1 (Adjustable Port Adapter, 0 - 20mm, 1 - 25mm, 2 - 35mm)		LensFOV Canon/m43FOV	75-34° 128-54°
	21325 N120-to-M10 20mm Port Adapter			81206 N120-M10 MAGP - 10		LensFOV Canon/m43FOV	75-31° 128-54°
Canon EF 35mm f/2 IS USM				81206 N120-M10 MAGP - 10		LensFOV Canon/m43FOV	63° 125°
				81201 N120-MAGP - 1			
WIDE ANGLE (APS-C)							
Canon EF-S 10-18mm f/4.5-5.6 IS STM	19949 CY0180-2			81204 N120-MAGP - 2		LensFOV Canon/m43FOV	108-75° 128-93°
			23140 N120 Extension Ring 40.0	18809 140mm Optical Glass Wide Angle Port			
			23150 N120 Extension Ring 50.0	18802 8.7 Acrylic Dome Port			
				18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
Canon EF-S 10-22mm f/3.5-4.5 USM	19925 CY0022-2		23110 N120 Extension Ring 10.0	81204 N120-MAGP - 2 * This setup is only compatible with MAGP 2 before DB-20220211		LensFOV Canon/m43FOV	108-63° 128-73°
			23110 N120 Extension Ring 10.0	81204 N120-MAGP - 2 * This setup is only compatible with MAGP 2 before DB-20220211			
			23160 N120 Extension Ring 60.0	18809 140mm Optical Glass Wide Angle Port			
			23160 N120 Extension Ring 60.0	18802 8.7 Acrylic Dome Port			
				18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
Sigma 10-20mm f/4-5.6 DC HSM	19935 SC1020-E		23140 N120 Extension Ring 40.0	18809 140mm Optical Glass Wide Angle Port			
			23160 N120 Extension Ring 60.0	18802 8.7 Acrylic Dome Port			
				18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
Tokina AT-X 11-16 PRO DX AF 11-16mm f/2.8	19926 TD1116-2		23110 N120 Extension Ring 10.0	81204 N120-MAGP - 2 * This setup is only compatible with MAGP 2 before DB-20220211		LensFOV Canon/m43FOV	110-81° 122-12°
			23110 N120 Extension Ring 10.0	81204 N120-MAGP - 2 * This setup is only compatible with MAGP 2 before DB-20220211			
			23160 N120 Extension Ring 60.0	18802 8.7 Acrylic Dome Port			
				18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
Tokina AT-X 12-24 AF PRO DX AF 12-24mm f/4	19931 TD1224-2		23150 N120 Extension Ring 50.0	18802 8.7 Acrylic Dome Port			
			23160 N120 Extension Ring 60.0	18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
WIDE ANGLE (FULL FRAME)							
Canon EF 16-35mm f/2.8 USM	19927 CY0350-2		23130 N120 Extension Ring 30.0	81204 N120-MAGP - 2		LensFOV Canon/m43FOV	107-63° 128-73°
			23170 N120 Extension Ring 70.0	18802 8.7 Acrylic Dome Port			
				18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
Canon EF 16-35mm f/2.8 III USM	19934 CY0350-3		23150 N120 Extension Ring 50.0	81204 N120-MAGP - 2		LensFOV Canon/m43FOV	107-63° 128-73°
			23170 N120 Extension Ring 70.0	81206 N120-M10 MAGP - 10		On APS-C Sensor LensFOV Canon/m43FOV Zoom Range	85-45° 128-74°
				81201 N120-MAGP - 1		On Full Frame Sensor LensFOV Canon/m43FOV Zoom Range	79-63° 128-108° 28-35mm
			23190 N120 Extension Ring 90.0	18809 140mm Optical Glass Wide Angle Port			
Canon EF 16-35mm f/4 IS USM	19948 CY0350-4		23130 N120 Extension Ring 30.0	81204 N120-MAGP - 2		LensFOV Canon/m43FOV	108-63° 128-73°
			23140 N120 Extension Ring 40.0	81206 N120-M10 MAGP - 10		On APS-C Sensor LensFOV Canon/m43FOV	85-45° 128-74°
				81201 N120-MAGP - 1		On Full Frame Sensor LensFOV Canon/m43FOV Zoom Range	79-63° 128-108° 28-35mm
			23170 N120 Extension Ring 70.0	18802 8.7 Acrylic Dome Port			
				18809 140mm Optical Glass Wide Angle Port			
				81207 N120-M10-P - 1		On APS-C Sensor LensFOV Canon/m43FOV	79-45° 128-74° 16-35mm
						On Full Frame Sensor LensFOV Canon/m43FOV Zoom Range	79-63° 128-108° 28-35mm
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
Sigma 14mm f/1.8 DG HSM | Art	19942 SC1400F		23170 N120 Extension Ring 70.0 N120 Extension Ring 70.0 with Extension Ringn Gasket, Mounted Inner	18802 8.7 Acrylic Dome Port			
				18812 230mm Optical Glass Wide Angle Port-3			
Sigma 14-24mm f/2.8 DG HSM | Art	19944 SC1424A-2		23160 N120 Extension Ring 60.0 N120 Extension Ring 60.0 with Extension Ringn Gasket, Mounted Rear Extension Ring + Gasket (Rear Extension Ring + Gasket Not Included)	18809 140mm Optical Glass Wide Angle Port			
			23170 N120 Extension Ring 70.0 * This setup is not compatible with Extension Ring + Gasket Ringn (DB-20210504)	18802 8.7 Acrylic Dome Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
Sigma 20mm f/1.4 DG HSM | A			23160 N120 Extension Ring 60.0	18809 140mm Optical Glass Wide Angle Port			
			23170 N120 Extension Ring 70.0	18802 8.7 Acrylic Dome Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
20SIG Milvus 18mm f/2.8 ZE	19229 ZM-C7		23155 N120 Extension Ring 55.0	18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
20SIG Milvus 21mm f/2.8 ZE	19229 ZM-C7		23150 N120 Extension Ring 50.0	18809 140mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port-3			
Sigma 12mm f/2.8 DG DC HSM Fisheye				18802 8.7 Acrylic Dome Port			
Tokina AT-X 107 AF DX Fisheye 10-17mm f/3.5-4.5	19929 TD1017-2		23110 N120 Extension Ring 10.0	18810 230mm Optical Fisheye Port * This setup is not compatible with MAGP 2 before DB-20200406			
			23110 N120 Extension Ring 10.0	18810 230mm Optical Fisheye Port * This setup is not compatible with MAGP 2 before DB-20200406			
			23160 N120 Extension Ring 60.0	18802 8.7 Acrylic Dome Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
Tokina AT-X 107 AF DX Fisheye 10-17mm f/3.5-4.5 with Nuvis 155|PL155 on Canon EF 15mm Lensmarker for Canon EF	19929 TD1017-2 + L-bracket		23150 N120 Extension Ring 50.0	18802 8.7 Acrylic Dome Port			
			23160 N120 Extension Ring 60.0	18802 8.7 Acrylic Dome Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			
FISHEYE (APS-C)							
Canon EF-S 10mm f/4.5 Fisheye USM	19937 CF0107		23130 N120 Extension Ring 30.0	18802 8.7 Acrylic Dome Port * Port should be removed for circular fisheye effect at 8mm			
				18811 140mm Optical Glass Fisheye Port with Removable Shade * Shade can be removed for circular fisheye effect at 8mm			
				18812 230mm Optical Glass Wide Angle Port-3 * Shade can be removed for circular fisheye effect at 8mm			
Canon EF 8-15mm f/4 Fisheye USM with Kaido 1.4x Tokyoflex Pro 200 DGX	19927 + 19941 CF0107 + CF0107		23130 + 23131 N120 Extension Ring 30.0 + Focus Knob	18802 8.7 Acrylic Dome Port * Port should be removed for circular fisheye effect at 8mm			
			23150 N120 Extension Ring 50.0	18802 8.7 Acrylic Dome Port			
				18811 140mm Optical Glass Fisheye Port with Removable Shade			
				18812 230mm Optical Glass Wide Angle Port-3			
Canon EF 15mm f/2.8 Fisheye				18802 8.7 Acrylic Dome Port			
				18810 140mm Optical Glass Fisheye Port			
				18812 230mm Optical Glass Wide Angle Port-3			
				18813 230mm Optical Glass Wide Angle Port-5			

Max. Magnification is the maximum ratio that a subject can be reproduced on a camera's image sensor (APS-C: 22.3 x 15mm, Full Frame - 36 x 24mm) at the closest working distance.

Working distance operates from the distance between the subject and the front element of the close-up lens.

- Recommended Nauticam underwater optics based on best underwater optical performance
- Recommended Port System

Last Updated : 2024-08-23

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