





M SERIES SPECIFICATIONS



model	M4 Mega	M4	M4 Lite	M4 Pro	M4 Pro Wfov
	 M4 MEGA Sony IMX570 Sensor Global shutter RGB IP67, Max.25fps	 M4 90° x 70° wide FOV	 M4 LITE No RGB Cost effective 90° x 70° wide FOV	 M4 PRO RK3588 integrated 6.0Tops processing capability	 M4 PRO WFOV 110° x 90° wide FOV RK3588 integrated 6.0Tops capability
Illumination	940nm VCSEL; Class 1	940nm VCSEL; Class 1	940nm VCSEL; Class 1	940nm VCSEL; Class 1	940nm VCSEL; Class 1
Output	Depth & RGB & Amplitude Map	Depth & RGB & Amplitude Map	Depth & Amplitude Map	Depth & RGB & Amplitude Map	Depth & RGB & Amplitude Map
Depth Resolution (H x V) /Frame Rate	640×480 @ Max. 25fps	640×480 @ Max. 15fps	640×480 @ Max. 15fps	640×480 @ Max. 15fps	640×480 @ Max. 15fps
Depth FoV (H x V)	70° x 50°	90° x 70°	90° x 70°	90° x 70°	110° x 90°
RGB Resolution (H x V) /Frame Rate	1920×1080 @ Max. 25fps	1920×1080 @ Max. 15fps	No RGB	1920×1080 @ Max. 15fps	1920×1080 @ Max. 15fps
RGB FoV (H x V)	70° x 50°	90° x 60°	No RGB	90° x 60°	110° x 90°
RGB Shutter Type	Global Shutter	Rolling Shutter	No RGB	Rolling Shutter	Rolling Shutter
Working Range	0.2-5m	0.3-5m	0.3-5m	0.3-5m	0.3-3m
Accuracy	<1%; typical	<1%; typical	<1%; typical	<1%; typical	<1%; typical
Power Consumption	7W @ 24VDC	6W @ 24VDC	6W @ 24VDC	8W @ 24VDC	8W @ 24VDC
Dimension (L x W x H)	92mm×47mm×51mm	88mm×47mm×47mm	88mm×47mm×47mm	95mm×80mm×41mm	95mm×80mm×41mm
Weight	<400g	340g	340g	430g	430g
Power Supply	24 VDC / 2A	24 VDC / 2A	24 VDC / 2A	24V DC / 3A	24V DC / 3A
Data Communication	Gigabit Ethernet/CAN	Gigabit Ethernet/CAN	Gigabit Ethernet/CAN	Gigabit Ethernet/RS485	Gigabit Ethernet / RS485
Enclosure rating	IP67	IP42	IP42	IP50	IP50
Work Temperature	-20°C-60°C	-20°C-60°C	-20°C-60°C	-20°C-60°C	-20°C-60°C
Storage Temperature	-25°C-85°C	-25°C-85°C	-25°C-85°C	-25°C-85°C	-25°C-85°C
Programming Language	C/C++	C/C++	C/C++	C/C++	C/C++
Third Party Support	ROS/ROS2	ROS/ROS2	ROS/ROS2	ROS/ROS2	ROS/ROS2
Operating System	ARM Linux (AArch64) Linux (x86_64) Windows 7/8/10/11	ARM Linux (AArch64) Linux (x86_64) Windows 7/8/10/11	ARM Linux (AArch64) Linux (x86_64) Windows 7/8/10/11	ARM Linux (AArch64) Linux (x86_64) Windows 7/8/10/11	ARM Linux (AArch64) Linux (x86_64) Windows 7/8/10/11