



Omni S 360° Stereovision

For more information, contact info@occamvisiongroup.com

Omni S

Specifications Sheet

MODEL	OMNIS5U3MT9V022M	OMNIS5U3MT9V022C
Resolution	3.6 MP (10x 720x480)	3.6 MP (10x 752x480)
Max Frame Rate	60 FPS	60 FPS
Horizontal FOV	360°	360°
Vertical FOV	58°	58°
Baseline	4.72" (12cm)	4.72" (12cm)
Interface	USB3	USB3
Max Cable Length	15 feet (included)	15 feet (included)
Color	No	Yes
Sensor	10x Aptina MT9V022	10x Aptina MT9V022
Trigger Input	Yes	Yes
Trigger Output	Yes	Yes
Manual Exposure Control	Yes	Yes
Automatic Exposure Control	Yes	Yes
Manual Gain Control	Yes	Yes
Automatic Gain Control	Yes	Yes
Blending	CPU and GPU implementations (OpenGL)	
Stitching	Precalibrated; presets selectable during operation	
Lens	10x 2.8mm F2.0	10x 2.8mm F2.0
DC Input (optional)	5 VDC input	5 VDC input
Power Consumption	800mA	800mA
GPIO	1 input, 1 output, ground	
OS Support	Windows 7, 8, Linux 3.x+	
Width	4.1"	4.1"
Height	6.96"	6.96"
Depth	2.1"	2.1"
Weight	39.8 oz (1128 g)	39.8 oz (1128 g)
OS Support	Windows 7, 8, Linux 3.x+	

