



	OE-MV	OE-MD	OE-MT	OE-MM	OE-MK	OE-MH	
<b>RECORDING</b>	<b>Max Channels</b>	24	32	32 / 96*	<b>JBOD:</b> 64 / 96 <b>RAID:</b> 64 / 128*	<b>JBOD:</b> 96 <b>RAID:</b> 128	
	<b>Built-In Ports</b>	-	8 or 16 PoE Ports	-	-	-	
	<b>Max Recording Rate</b>	100Mbps	150Mbps	300Mbps	<b>JBOD:</b> 300 Mbps <b>RAID:</b> 400 Mbps	<b>JBOD:</b> 300 Mbps <b>RAID:</b> 400 Mbps	<b>JBOD:</b> 300 Mbps <b>RAID:</b> 400 Mbps
<b>CONNECTIONS</b>	<b>Audio Support</b>	IP Camera Audio (dependent on camera)	IP Camera Audio (dependent on camera)	IP Camera Audio (dependent on camera)	IP Camera Audio (dependent on camera)	IP Camera Audio (dependent on camera)	
	<b>Video Outputs</b>	2 x HDMI®	1 x HDMI®, 1 x Display Port	1 x HDMI®, 1 x DisplayPort, 1 x VGA	1 x HDMI®, 2 x DisplayPort, 1 x D-SUB	1 x HDMI®, 2 x DisplayPort, 1 x D-Sub	
	<b>Maximum Display Resolution</b>	4K	4K (HDMI®) / 4096x2160 (DP)	4K (HDMI®) / 4096 x 2160 (DP) / 1080P (VGA)	4K (HDMI®) / 4096 x 2160 (DP) / 1080P (D-Sub)	4K (HDMI®) / 4096 x 2160 (DP) / 1080P (D-Sub)	
	<b>Dedicated Client Network</b>	Yes	Yes	Yes	Yes	Yes	
	<b>Dedicated Camera Network</b>	Yes	Yes	Yes	Yes	Yes	
	<b>Alarm Sensor Inputs</b>	-	-	4 x Form A contacts	4 x Form A contacts (optional)	4 x Form A contacts (optional)	4 x Form A contacts (optional)
	<b>Digital Relay Outputs</b>	-	-	4 x Form A contacts	4 x Form A contacts (optional)	4 x Form A contacts (optional)	4 x Form A contacts (optional)
	<b>USB Ports</b>	<b>Front:</b> 2 x USB 3.0 <b>Rear:</b> 2 x USB 3.0	<b>Front:</b> 2 x USB 2.0 <b>Rear:</b> 2 x USB 3.0	<b>Front:</b> 2 x USB 3.0 ports <b>Rear:</b> 4x USB 3.2 Gen 1, 2x USB 2.0	<b>Front:</b> 2 x USB 3.0 ports <b>Rear:</b> 1 x USB Type-C (with USB 3.2 Gen 2 support) 3 x USB 3.2 Gen 1, 2 x USB 2.0		
	<b>Operating System</b>	Linux	Linux	Linux (standard) / Windows (optional)*	<b>JBOD:</b> Linux (Windows optional) <b>RAID:</b> Microsoft Windows	Microsoft Windows	Microsoft Windows
	<b>Video Signal Loss Detection</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>SOFTWARE</b>	<b>Server Side Motion Detection</b>	Yes	Yes	Yes	Yes	Yes	
	<b>Remote Operation</b>	Desktop Client / Web Client / Mobile Apps			Desktop Client / Web Client / Mobile Apps		
	<b>User Management</b>	Yes	Yes	Yes	Yes	Yes	Yes
	<b>Recording Mode</b>	Continuous / Event / Continuous + Event / Live Only			Continuous / Event / Continuous + Event / Live Only		
	<b>Playback Search</b>	Multi-channel playback / Calendar - Timeline / Thumbnail / Event (VMS & web client) / Object (VMS)			Multi-channel playback / Calendar - Timeline / Thumbnail / Event (VMS & web client) / Object (VMS)		
	<b>Clip Backup</b>	Cloud / USB	Cloud / USB	Cloud / USB	Cloud / USB	Cloud / USB	Cloud / USB
	<b>Mouse Included</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>GENERAL</b>	<b>Power Supply</b>	60W**	180W / 200W**	250W	400W	650W	
	<b>Power Rating</b>	12VDC, 5A	Input: AC 100~240V, 2.5A, 50-60Hz / Input: AC 100~240V, 3.5-2.5A, 50-60Hz	Input: AC 100~240V, 3.5-1.5A, 50-60Hz	Input: AC 100~240V, 6~3A, 50-60Hz	Input: AC 100~240V, 10-5A, 47-63Hz	Input: AC 100~240V, 10-5A, 47-63Hz
	<b>Max Power Consumption</b>	40W	125W / 200W	170W	<b>JBOD:</b> Max 287W <b>RAID:</b> Max 311W	<b>JBOD:</b> Max 305W <b>RAID:</b> Max 365W	<b>JBOD:</b> Max 432W <b>RAID:</b> Max 450W
	<b>PoE Switch Load</b>	-	100W / 140W	-	-	-	-
	<b>Max Operating Temperature</b>	104°F (40 °C)	104°F (40 °C)	104 °F (40 °C)	104 °F (40 °C)	104 °F (40 °C)	104 °F (40 °C)
<b>RECORDER</b>	<b>Dedicated OS SSD Drive</b>	Yes	Yes	Yes	Yes	<b>JBOD:</b> Dedicated Solid State Drive <b>RAID:</b> Dedicated Dual SSDs Configured as RAID 1	
	<b>Max Storage Configuration</b>	40 TB	40 TB	80TB	<b>JBOD:</b> up to 80TB <b>RAID:</b> up to 48TB (36TB usable)	<b>JBOD:</b> 128TB <b>RAID:</b> 96TB (84TB usable)	<b>JBOD:</b> 256TB <b>RAID:</b> 192TB (168TB usable)
	<b>Dimensions</b>	<b>W:</b> 14.4 x <b>H:</b> 1.8 x <b>D:</b> 12.6in (366 x 44 x 316mm)	<b>W:</b> 8.7 x <b>H:</b> 1.7 x <b>D:</b> 10.8in (221 x 44 x 275mm) <b>W:</b> 11.8 x <b>H:</b> 1.7 x <b>D:</b> 11in (300 x 44 x 280mm)	<b>W:</b> 17.25 x <b>H:</b> 3.75 x <b>D:</b> 11.8in (428 x 95.25 x 299.72mm)	<b>W:</b> 16.9 x <b>H:</b> 3.5 x <b>D:</b> 18in (429.2 x 88 x 457.2mm)	<b>W:</b> 17.2 x <b>H:</b> 3.5 x <b>D:</b> 26in (438 x 88 x 660mm)	<b>W:</b> 17.2 x <b>H:</b> 5.2 x <b>D:</b> 26in (438 x 132 x 660mm)
	<b>Unit Weight</b>	8.2lbs (3.71kg) / 8.6lbs (3.9kg) / 9lbs (4.08kg)	3.5lbs (1.59kg) / 5lbs (2.27kg)	12.5lbs (5.67kg)	27lbs (12.25kg)	43lbs (19.5kg)	77lbs (34.9kg)
	<b>Rack Mount</b>	Rack Mount Ears Included	Installation Kit Included	Rack Mount Ears Included	Rack Mount Ears Included	Rack Slide Kit Included	Rack Slide Kit Included
	<b>Country of Origin</b>	Taiwan	Taiwan	USA	USA	USA	USA
<b>NDAA Compliant</b>	Yes	Yes	Yes	Yes	Yes	Yes	

\*Requires performance upgrade / \*\*External Power Supply

INDOOR IP DOME CAMERAS	OUTDOOR IP DOME CAMERAS	360° IP CAMERAS	PTZ IP DOME CAMERAS
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	OE-C1011D4-S / OE-C1013D4-S	OE-C3011D4-S	OE-C1012D2-S / OE-C1014D4-S	OE-C3212D4-S / OE-C3212D8-S	OE-C9112F12	OE-C8213
<b>Resolution</b>	4MP	4MP	2MP / 4MP	4MP / 8MP	12MP	3MP
<b>Lens</b>	2.8mm / 4.0mm Fixed	2.7 ~ 13.5mm VF, AF Zoom Lens	2.8mm Fixed	2.7 ~ 13.5mm / 2.8 ~ 12mm VF, AF, Zoom Lens	1.65mm Fisheye	4.3 ~ 170mm VF, AF, Zoom Lens
<b>Field of View</b>	103° / 84°	101° (wide) ~ 32° (tele)	105° / 101°	104° (wide) ~ 30° (tele) / 109° (wide) ~ 31° (tele)	180°	62° (wide) ~ 2° (tele)
<b>Wide Dynamic Range</b>	True WDR @ 4MP	True WDR @ 4MP	True WDR @ 2MP / True WDR @ 4MP	True WDR @ 4MP / True WDR @ 8MP	Ture WDR	True WDR
<b>IP Rating</b>	-	-	IP67	IP67	IP66	IP66
<b>IR Range</b>	98'	98'	98'	131'	16'	-
<b>IK Rating</b>	-	-	IK10	IK10	IK10	IK10
<b>Operating Temperature</b>	-31 ~ 140 °F (-35 ~ 60 °C) / -22°F ~ 131°F (-30°C~55°C)	-31 ~ 140 °F (-35 ~ 60 °C)	-22°F ~ 140°F (-30°C ~ 60°C)	-22 ~ 140 °F (-30 ~ 60 °C)	-22°F ~ 131°F (-30°C ~ 55°C)	-40 ~ 122°F (-40 ~ 50 °C)
<b>Input Voltage Type</b>	12vDC/PoE	12vDC/PoE	12vDC/PoE	12vDC/PoE	12vDC/PoE	24vAC/PoE+
<b>Power Consumption</b>	5W	8.7W	5W / 4.5W	7W / 9W	<b>12vDC: 11.16W PoE: 12.95W</b>	25.4W
<b>Dimensions</b>	4.3 x 2.4" (108 x 61mm)	4.9 x 3.9" (126 x 100mm)	4.3 x 3.2" (109 x 81mm)	5.8 x 4.4" (148 x 111mm)	5.1" x 2.3" (130x58mm)	8.2 x 11.1" (210 x 279mm) w/ sunshield
<b>Country of Origin</b>	China	China	China	China	Taiwan	Taiwan
<b>NDAA Compliant</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Analytics-enabled</b>	Yes	Yes	Yes	Yes	No	No

OUTDOOR MULTISENSOR	IP TURRET CAMERAS	IP BULLET CAMERAS	CLOUD CAMERAS
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	OE-C9912M20	OE-C1016T2-S	OE-C3012T4-S / OE-C3012T8-S	OE-C2012B4-S / OE-C2012B8-S	OE-CC51D5 / OE-CC51D8	OE-CC52B5 / OE-CC53B8
<b>Resolution</b>	20MP, 4x 5MP	2MP	4MP / 8MP	4MP / 8MP	5MP / 8MP	5MP / 8MP
<b>Lens</b>	2.7 ~ 13.5mm, VF, AF, Zoom Lens	2.8mm Fixed	2.7 ~ 13.5mm / 2.8 ~ 12mm VF, AF Zoom Lens	2.7 ~ 13.5mm / 2.8 ~ 12mm VF, AF, Zoom Lens	2.7 ~ 13.5mm / 3 ~ 9mm VF Motorized Zoom	2.7 ~ 13.5mm / 3 ~ 9mm VF Motorized Zoom
<b>Field of View</b>	103° (wide) ~ 34° (tele)	106°	103° (wide) ~ 29° (tele) / 105° (wide) ~ 31° (tele)	103° (wide) ~ 30° (tele) / 105° (wide) ~ 31° (tele)	100° (wide) ~ 30° (tele) / 115° (wide) ~ 36° (tele)	100° (wide) ~ 30° (tele) / 115° (wide) ~ 36° (tele)
<b>Wide Dynamic Range</b>	True WDR	True WDR @ 2MP	True WDR @ 4MP / True WDR @ 8MP	True WDR @ 4MP / True WDR @ 8MP	DOL-HDR	DOL-HDR
<b>IP Rating</b>	IP66	IP67	IP67	IP67	IP67	IP67
<b>IR Range</b>	131'	98'	131'	164'	Up to 164'	Up to 164'
<b>IK Rating</b>	IK10	-	IK10	IK10	IK10	IK10
<b>Operating Temperature</b>	-40°F ~ 131°F (-40°C ~ 55°C)	-22°F ~ 140°F (-30°C ~ 60°C)	-22°F ~ 140°F (-30°C ~ 60°C)	-22 ~ 140 °F (-30 ~ 60 °C)	<b>IR Off: -22° ~ 140°F (-30° ~ 60°C) IR On: -40° ~ 122°F (-40° ~ 50°C)</b>	<b>IR Off: -22° ~ 140°F (-30° ~ 60°C) IR On: -40° ~ 122°F (-40° ~ 50°C)</b>
<b>Input Voltage Type</b>	24vDC/24vAC/PoE++	12vDC/PoE	12vDC/PoE	12vDC/PoE	12vDC/PoE+	12vDC/PoE+
<b>Power Consumption</b>	40W	5W	7W / 8.16W	8.5W / 9.5W	<b>12vDC: 23W PoE+: 22.5W / 12vDC: 19.2W PoE+: 22W</b>	<b>12vDC: 29.5W PoE+: 25W</b>
<b>Dimensions</b>	13.9" x 13.9" x 11.6" (352 x 352 x 295mm)	4.4" x 3.7" (110 x 94mm)	5.1 x 4.3" (129 x 110mm)	9.5 x 3.4 x 3.0" (240 x 86 x 76mm)	6.1" x 4.1" (155 x 103mm)	4.6" x 4.6" x 11.6" (118 x 118 x 295mm)
<b>Country of Origin</b>	Taiwan	China	China	China	Taiwan	Taiwan
<b>NDAA Compliant</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Analytics-enabled</b>	No	Yes	Yes	Yes	Yes	Yes