

# AutoDome Camera Quick Guide



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All AutoDome 100, 200, 300 and 500i Series cameras are available in In-Ceiling, Indoor Pendant and Outdoor Pendant style housings.

















Standard Features	AutoDome 100 Series Fixed Dome Camera System	AutoDome 200 Series PTZ Camera System	AutoDome 300 Series Advanced PTZ Camera System	AutoDome 500i Series Intelligent PTZ Camera System
Interchangeable CPU, Camera and Comms Modules	Yes	Yes	Yes	Yes
Operating Temperature:				
Indoor Housing	14°F to 122°F (-10°C to 50°C)	14°F to 122°F (-10°C to 50°C)	14°F to 122°F (-10°C to 50°C)	14°F to 104°F (-10°C to 40°C)
EnviroDome Outdoor Housing	-67°F to 122°F (-55°C to 50°C)	-76°F to 122°F (-60°C to 50°C)	-76°F to 122°F (-60°C to 50°C)	-76°F to 122°F (-60°C to 50°C)
Protocol Support	N/A	Bosch Biphas, RS232	Bosch Biphas, RS232 & 485, Pelco "P" or "D"	Bosch Biphas, RS232 & 485, Pelco "P" or "D"
Up the wire control/configuration	Yes, Bilinx	Yes, Bilinx	Yes, Bilinx	Yes, Bilinx
Privacy Masking/Sector Blanking	No	No	Yes	Yes
Pre-Positions	N/A	64	99	99
Guard Tour	No	1 Preset Tour	2 Preset Tours; 2 Recorded Tours	2 Preset Tours; 2 Recorded Tours
Remote Fast Address	N/A	Yes	Yes	Yes
AutoPivot and AutoScaling	N/A	Yes	Yes	Yes
Cable Compensation	No	No	Yes	Yes
Alarm Inputs/Relay Outputs	N/A	N/A	7/4	7/4
Warranty	3 Years	3 Years	3 Years	3 Years
<b>CPUs</b>				
	<ul style="list-style-type: none"> <li>Interchangeable Modules:                             <ul style="list-style-type: none"> <li>Pluggable upgrade to 200, 300 or 500i Series CPU</li> <li>"Hot-Swap" camera replacement or upgrades</li> <li>Pluggable Communications Module</li> </ul> </li> <li>Built-in Surge Suppression</li> </ul>	<ul style="list-style-type: none"> <li>Interchangeable Modules                             <ul style="list-style-type: none"> <li>Fast 360° per second pan/tilt speeds</li> </ul> </li> <li>Advanced Troubleshooting and Diagnostics                             <ul style="list-style-type: none"> <li>Diagnostic LEDs</li> <li>On-screen diagnostic displays</li> </ul> </li> <li>Built-in Surge Suppression</li> </ul>	Includes all of the features of the 200 Series plus: <ul style="list-style-type: none"> <li>Superior Privacy Masking:                             <ul style="list-style-type: none"> <li>24 masks</li> <li>Up to 8 masks per scene</li> </ul> </li> <li>Advanced alarm handling via "Rules" engine</li> </ul>	Includes all the advanced features of the 300 Series plus: <ul style="list-style-type: none"> <li>AutoTrack II</li> <li>Image Stabilization</li> <li>Video Motion Detection with "virtual masking" technology</li> </ul>
<b>Cameras</b>				
Resolution	540 TVL	> 470 TVL	> 470 TVL	> 470 TVL
Sensitivity – Color Mode (30 IRE)	Day/Night: 0.29 lux F1.4, 1/60 (1/50) shutter, max AGC	18x Color: 0.5 lux F1.4, 1/60 (1/50) shutter, max AGC	18x Day/Night: 0.4 lux F1.4, 1/60 (1/50) shutter, max AGC	26x Day/Night: 0.5 lux F1.6, 1/60 (1/50) shutter, max AGC
Sensitivity – Night Mode (30 IRE)	Day/Night: 0.12 lux F1.4, 1/60 (1/50) shutter, max AGC	N/A	18x Day/Night: 0.05 lux F1.4, 1/60 (1/50) shutter, max AGC	26x Day/Night: 0.10 lux F1.6, 1/60 (1/50) shutter, max AGC
Day/Night	Yes	No	Yes	Yes
Lens	2.7mm to 13.5mm, f/1.2 5mm to 50mm, f/1.4	4.1mm to 73.8mm, f/1.4	4.1mm to 73.8mm, f/1.4 3.5mm to 91.0mm, f/1.6	4.1mm to 73.8mm, f/1.4 3.5mm to 91.0mm, f/1.6
Optical Zoom	5x	10x	18x 26x	18x 26x
Digital Zoom	No	No	12x	12x
<b>Housings</b>				
Indoor	In-Ceiling, Pendant	In-Ceiling, Pendant	In-Ceiling, Pendant	In-Ceiling, Pendant
Outdoor	Pendant	Pendant	Pendant	Pendant
Ingress Protection	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
<b>Communications</b>				
Coax/UTP	Bilinx, UTP, Coax	Bilinx, UTP, Coax	Bilinx, UTP, Coax	Bilinx, UTP, Coax
Optional Ethernet (TCP/IP)	Cat5/Cat6 (UTP)	Cat5/Cat6 (UTP)	Cat5/Cat6 (UTP)	Cat5/Cat6 (UTP)
<b>Power Supplies/Mounts</b>				
Power Supplies:				
24VAC	1, 4, 8 or 16 cameras	1, 4, 8 or 16 cameras	1, 4, 8 or 16 cameras	1, 4, 8 or 16 cameras
120V, 230VAC	Yes	Yes	Yes	Yes
Indoor Mounts	Wall, Pipe, In-Ceiling	Wall, Pipe, In-Ceiling	Wall, Pipe, In-Ceiling	Wall, Pipe, In-Ceiling
Outdoor Mounts	Wall, Corner, Mast, Pipe, Flat Roof, Roof (Parapet)	Wall, Corner, Mast, Pipe, Flat Roof, Roof (Parapet)	Wall, Corner, Mast, Pipe, Flat Roof, Roof (Parapet)	Wall, Corner, Mast, Pipe, Flat Roof, Roof (Parapet)
<b>Fiber Optics</b>				
Optional Bi-directional Analog Fiber Transceiver (video and control over a single fiber)	Yes	Yes	Yes	Yes

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		AutoDome Kit Number									
		Camera Assembly				Power and Mounting Kit					
		Family	CPU	Camera Options	Housing Options	Comms Options	Power/Mounting Options	Fiber Options			
Camera Assembly	<b>AutoDome Modules</b>	<b>VG4</b>							<b>Description</b>	<b>Module Part #</b>	
	<b>CPUs</b>		1 2 3 5						100 Series Controller (CPU) 200 Series Controller (CPU) 300 Series Controller (CPU) 500i Series Controller (CPU)	VG4-MCPU-1 VG4-MCPU-2 VG4-MCPU-3 VG4-MCPU-5	
	<b>Cameras</b>	 	1 2 1 2 1 2 5 6 5 6 5 6 5 6	1 1 2 2 3 3 1 1 2 2 3 3 4 4					18x Color PTZ Camera (PAL) 18x Color PTZ Camera (NTSC) 18x Day/Night PTZ Camera (PAL) 18x Day/Night PTZ Camera (NTSC) 26x Day/Night PTZ Camera (PAL) 26x Day/Night PTZ Camera (NTSC) 2.7-13.5mm Color Fixed Camera (PAL) 2.7-13.5mm Color Fixed Camera (NTSC) 2.7-13.5mm Day/Night Fixed Camera (PAL) 2.7-13.5mm Day/Night Fixed Camera (NTSC) 5-50mm Color Fixed Camera (PAL) 5-50mm Color Fixed Camera (NTSC) 5-50mm Day/Night Fixed Camera (PAL) 5-50mm Day/Night Fixed Camera (NTSC)	VG4-MCAM-11 VG4-MCAM-21 VG4-MCAM-12 VG4-MCAM-22 VG4-MCAM-13 VG4-MCAM-23 VG4-MCAM-51 VG4-MCAM-61 VG4-MCAM-52 VG4-MCAM-62 VG4-MCAM-53 VG4-MCAM-63 VG4-MCAM-54 VG4-MCAM-64	
	<b>Housings</b>	  			C C P P E E	C T C T C T			In-Ceiling Housing w/Clear Bubble In-Ceiling Housing w/Tinted Bubble Indoor Pendant Housing w/Clear Bubble Indoor Pendant Housing w/Tinted Bubble Outdoor Pendant Housing w/Clear Bubble Outdoor Pendant Housing w/Tinted Bubble	VG4-MHSG-CC VG4-MHSG-CT VG4-MHSG-PC VG4-MHSG-PT VG4-MHSG-EC VG4-MHSG-ET	
	<b>Communications</b>						O S E		Fixed Communications Standard (Coax/UTP) Communications Ethernet (TCP/IP) Communications	VG4-MTRN-0 VG4-MTRN-S VG4-MTRN-E	
	Pendant Kits	<b>Power Supplies &amp; Mounts</b>	<b>Pendant Arm</b>   	<b>Roof (Parapet)</b>  	<b>Pipe</b>  			0 0 0 0 0 0 1 1 1 1 1 1 2 2 2 2 2 2	W M C R P P W M C R P W M C R P W	24VAC Pendant Arm (Wall Mount) 24VAC Pendant Arm (Mast Mount) 24VAC Pendant Arm (Corner Mount) 24VAC Pendant NPT (Roof Mount) 24VAC Pendant NPT (Pipe Mount) 24VAC In-Ceiling Mount 120VAC Pendant Arm (Wall Mount) 120VAC Pendant Arm (Mast Mount) 120VAC Pendant Arm (Corner Mount) 120VAC Pendant NPT (Roof Mount) 120VAC Pendant NPT (Pipe Mount) 120VAC In-Ceiling Mount 230VAC Pendant Arm (Wall Mount) 230VAC Pendant Arm (Mast Mount) 230VAC Pendant Arm (Corner Mount) 230VAC Pendant NPT (Roof Mount) 230VAC Pendant NPT (Pipe Mount) 230VAC In-Ceiling Mount	VG4-A-PA0 VG4-A-PA0 + LTC 9541/01 (Mast Adapter Bracket) VG4-A-PA0 + LTC 9542/01 (Corner Adapter Bracket) VG4-A-PSU0 VG4-A-PSU0 N/A VG4-A-PA1 VG4-A-PA1 + LTC 9541/01 (Mast Adapter Bracket) VG4-A-PA1 + LTC 9542/01 (Corner Adapter Bracket) VG4-A-PSU1 VG4-A-PSU1 N/A VG4-A-PA2 VG4-A-PA2 + LTC 9541/01 (Mast Adapter Bracket) VG4-A-PA2 + LTC 9542/01 (Corner Adapter Bracket) VG4-A-PSU2 VG4-A-PSU2 N/A
		<b>Fiber Optics</b>							No Fiber With Fiber	N/A Add "F" to end of Power Supply Part Number	