

AutoDome Camera Quick Guide



BOSCH
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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
CPUs				
	<ul style="list-style-type: none"> Interchangeable Modules: <ul style="list-style-type: none"> Pluggable upgrade to 200, 300 or 500i Series CPU "Hot-Swap" camera replacement or upgrades Pluggable Communications Module Built-in Surge Suppression 	<ul style="list-style-type: none"> Interchangeable Modules <ul style="list-style-type: none"> Fast 360° per second pan/tilt speeds Advanced Troubleshooting and Diagnostics <ul style="list-style-type: none"> Diagnostic LEDs On-screen diagnostic displays Built-in Surge Suppression 	Includes all of the features of the 200 Series plus: <ul style="list-style-type: none"> Superior Privacy Masking: <ul style="list-style-type: none"> 24 masks Up to 8 masks per scene Advanced alarm handling via "Rules" engine 	Includes all the advanced features of the 300 Series plus: <ul style="list-style-type: none"> AutoTrack II Image Stabilization Video Motion Detection with "virtual masking" technology
Cameras				
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
Housings				
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
Communications				
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)
Power Supplies/Mounts				
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)
Fiber Optics				
Optional Bi-directional Analog Fiber Transceiver (video and control over a single fiber)	Yes	Yes	Yes	Yes

