

Costar Flex Dome

CDC3500 Series



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- Super high 540TVL (620TVL – SENS-UP) lines of resolution
 - Three axis camera gimbal offer flexible mounting options
 - Consistent look between all models, available in both white and black indoor chassis
 - Interchangeable camera mounting brackets allow cameras modules to be easily exchanged between chassis, upgraded, or replaced without removing the base
 - Choose between Maximizer day/night or Wide Dynamic Range camera modules
 - Flexible lens options, include both micro Varifocal or full size CS mount style lens with DC auto iris for perfect coverage regardless of the lighting conditions
 - Weatherproof IP66 rated outdoor models
 - Dual Voltage Power Input DC12C or AC24V (auto detect)
 - Mounts on a standard 4" Octagon back-box (not included)
 - Rugged housing offers a ½" NPT conduit access port
 - All models include a balanced video test port with test cable & BNC connector
 - Outdoor models offer an optional heater kit for low temperature conditions
 - All models offer an optional Unshielded Twisted Pair video module (CDC3500UTP)
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Costar Flex Dome Specifications

Power

Power Source	DC12V / AC24V +/- 10% Auto Detect
Power Consumption	160 mA (Maximizer) 110 mA (WDR)

Sensor and General Information (Maximizer)

Image Sensor	1/3" Sensor
TV System	NTSC
Total Pixels	470K
Horizontal Resolution	540 TV Lines (color)
Video Output	Composite Video (1.0Vp-p/ 75Ω)
Min. Illumination	0.015 Lux color, 0.002 Lux (SENS-UP-Maximizer)
Video S/N Ratio	More than 50dB (AGC OFF)

Sensor and General Information (WDR)

Image Sensor	1/3" Pixim Sensor
TV System	NTSC
Total Pixels	720(H) x 540(V) (410K)
Horizontal Resolution	520 TV Lines
Video Output	Composite Video (1.0Vp-p/ 75Ω)
Min. Illumination	0.8 Lux (F1.2)
Video S/N Ratio	48dB (AGC OFF)

Camera Functions (Maximizer)

White Balance	ATW/AWC (3200-10000 °K)
AGC	On/Off
Auto Iris Control	Manual/DC
Maximizer	On/Off (x4~x32)
BLC	On/Off
Test Color Bar	On/Off
Mirror	Horizontal Off/On Vertical Off/On
Day & Night	Auto
Digital Noise Reduction	Auto

Camera Functions (WDR)

White Balance	ATW
AGC	Auto
Auto Iris Control	DC
Maximizer	Auto (x 4 DSS)
Wide Dynamic	Auto
Day & Night	Auto
Digital Noise Reduction	Auto

General Operating

Power Input	2-Pin Screw Terminal
Video Output	BNC connector
Lens Mount	Fixed Mount
Operating Temperature	-30°C to 40°C (-22°F to 104°F)
Operating Humidity	0~85% (non-condensing)
Weight	1.03 lbs (450g)
Dimensions	Ø5.25" (130mm)

Optional Mounting Accessories

Power Input	2-Pin Screw Terminal
Video Output	BNC connector

Type	Chassis	Chassis	Resolution	Model	
Indoor *(B) denotes black case	Maximizer	Surface	4-9	540 TVL	CDC3500MF (B)
			2.9-10.5	540 TVL	CDC3510MF (B)
			9-22	540 TVL	CDC3520MF (B)
		7.5-50	540 TVL	CDC3550MF (B)	
		Pendant	4-9	540 TVL	CDC3500MFP (B)
	2.9-10.5		540 TVL	CDC3510MFP (B)	
	9-22		540 TVL	CDC3520MFP (B)	
	7.5-50		540 TVL	CDC3550MFP (B)	
	Wide Dynamic Range		Surface	2.9-10.5	520 TVL
		Pendant	2.9-10.5	520 TVL	CDC3510MFWP (B)
Outdoor Rugged	Maximizer	Surface	2.9-10.5	540 TVL	CDC3510MFV
			9-22	540 TVL	CDC3520MFV
			7.5-50	540 TVL	CDC3550MFV
		Pendant	2.9-10.5	540 TVL	CDC3510MFVP
			9-22	540 TVL	CDC3520MFVP
			7.5-.50	540 TVL	CDC3550MFVP
	Wide Dynamic Range	Surface	2.9-10.5	520 TVL	CDC3510MFWV

Design and specifications subject to change with out notice. Conversions: 1" = 25.4mm Measurement conversions are approximate.



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