

# Extreme Performance FlexDome

**CDC3512X**  
**CDC3512WX**



- Interchangeable camera mounting brackets allow camera modules to be easily exchanged between chassis, upgraded, or replaced without removing the base
- Super high 600TVL (580 WDR models) lines of resolution
- Digital Noise Reduction - Removes low light noise that unnecessarily consumes hard drive space
- Digital Image Stabilization - Reduces motion from the camera image when mounted on unstable surface
- Advanced Wide Dynamic Range will manage extreme back light areas such as lobbies, dock doors and entrance vestibules
- Three axis camera gimbal offers flexible mounting options
- Consistent look between all models, available in both white and black indoor chassis
- Choose between Maximizer Day/Night or Maximizer Day/Night plus Wide Dynamic Range camera modules
- All models include a balanced video test port with test cable & BNC connector
- All models offer an optional Unshielded Twisted Pair video module (CDC3500UTP)
- Dual Voltage Power Input DC12C or AC24V (auto detect)
- Mounts on a standard 4" Octagon back-box (not included)
- Rugged housing offers a 1/2" NPT conduit access port
- On Screen Displays (OSD) for advanced set up applications



# Extreme FlexDome Specifications

## Power

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

## Sensor and General Information

Image Sensor	1/3" Sensor
TV System	NTSC
Total Pixels	470K
Horizontal Resolution	
Maximizer	600 TV Lines (color) / 630 (B/W)
Maximizer+WDR	580 TV Lines (color) / 600 (B/W)
Video Output	Composite Video (1.0Vp-p/ 75Ω
Min. Illumination	0.001 Lux color @ 50ire (SENS-UP- Maximizer), 0.0001 LUX B/W @50ire
Video S/N Ratio	More than 52dB (AGC OFF)

## Camera Functions X Series Low Light (Maximizer)

On Screen Display	Yes
Privacy Zones	8 Zones
White Balance	ATW1/ATW2/AWC/Manual (2000- 10000 °K)
AGC	On/Off
Auto Iris Control	Manual/DC
Maximizer	On / Off (x2~x256)
BLC	On / Off
Mirror	Horizontal Off/On Vertical Off/On
Day & Night	Auto / Color / BW
Wide Dynamic Range	Yes (WX models only)
Digital Noise Reduction	Off/On (adaptive 3D+2D)
Digital Zoom	x1~ x10
Flickerless	Off/On
Camera Title	2 Lines (54 characters)
Digital Image Stabilization	Off/ On

## General Operating

Power Input	2-Pin Screw Terminal
Video Output	BNC connector
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



CDC2000MWM-C Wall Mount  
*Hardware Code: A*



CDC2500MCR - Corner Mount  
*Hardware Code: B*



CDC2500MPC - Pole Mount  
*Hardware Code: C*



CDMKVM - Rugged Wall Mount  
*Hardware Code: D*



CD3000WPW - Indoor Wall  
Mount  
*Hardware Code: E*



CDC2000MCL - Flush Mount Kit  
*Hardware Code: F*



CD3000PMW - Pendant Mount  
(use with CD3000CM)  
*Hardware Code: G*



CD3000CM - Drop Ceiling  
Support Plate  
*Hardware Code: H*

Type	Chassis	Lens (mm)	Resolution	Hardware Code	Model	
Indoor	Maximizer	Surface	2.8-12	600 TVL	E, G + H	CDC3512MFX (B)
		Pendant	2.8-12	600 TVL	A,B,C, F	CDC3512MFPX (B)
	Maximizer + WDR	Surface	2.8-12	580 TVL	E, G,+ H	CDC3512MFWX (B)
		Pendant	2.8-12	580 TVL	A,B,C, F	CDC3512MFWPX (B)
Outdoor Rugged	Maximizer	Surface	2.8-12	600 TVL	B, C, D	CDC3512MFVX
		Pendant	2.8-12	600 TVL	A, B, C	CDC3512MFVPX
	Maximizer + WDR	Surface	2.8-12	580 TVL	B, C, D	CDC3512MFWVX
		Pendant	2.8-12	580 TVL	A, B, C	CDC3512MFWVPX

(B) Denotes black chassis option

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



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