



ZC-D8000 SERIES

SUPER HIGH RESOLUTION WDR DOMES



- 700 and 600 TVL models
- 3.3-12mm Computar® integrated varifocal lens
- Digital or True Wide Dynamic Range
- Backlight / Highlight compensation
- Multi-function switch for OSD control (N/A on IR model)
- IR model features 30 LEDs for over 100' illumination range and manual wide angle pan/tilt rotation mechanism
- Gang box mountable
- IP67 rating for all weather conditions (outdoor models)



CBC AMERICAS Corp.

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SPECIFICATIONS

Model	ZC-D8312NBA	ZC-DT8312NBA	ZC-DN8312NBA	NEW ZC-DW8312NXA	NEW ZC-DWNT8312NXA	ZC-DNT8312NBA-IR
Indoor / Outdoor	Indoor 3.3-12mm	Outdoor 3.3-12mm	Indoor 3.3-12mm		Outdoor 3.3-12mm	Outdoor 3.3-12mm IR
WDR Performance	Digital WDR			True WDR		Digital WDR
Day / Night Performance	Digital Day / Night		True Day / Night	Digital Day / Night	True Day / Night	
Image Sensor	1/3" Sony HAD II CCD					
Effective Pixels	768 (H) x 494 (V)					
Horizontal Resolution	600 TVL			700 TVL		600 TVL
Minimum Illumination	0.4 lux / F1.4 (50 IRE)	0.04 lux / F1.4 (50 IRE)	0.4 lux / F1.4 (50 IRE)	0.04 lux / F1.4 (50 IRE)	0 lux (IR LED ON)	
TV System	NTSC					
Scanning System	2:1 Interlace					
Scanning Frequency	15.734kHz (H) / 59.94Hz (V)					
Video Output	1.0V p-p / 75Ω					
S/N Ratio	More than 50dB (at minimum AGC gain)					
Gamma Correction	0.45					
Sync System	Internal Only			Internal / Line Lock		Internal Only
IR Illumination	-	-	-	-	-	30 IR LEDs
Lens	3.3-12mm / F1.4 Auto-iris					
Max Aperture Ratio	1: 1.4					
Angle of View	89.8° ~ 23.9° Horizontal					
Electronic Shutter	1/60 sec, FLK, 1/60 ~ 1/100,000 (selectable)					
BLC (Backlight Compensation)	On / Off / HLC (Highlight compensation)			LBLC, HLC, ATR-EX, WDR, OFF (sel)		On / Off
White Balance	ATW1, ATW2, AWC, Manual (selectable)			ATW, PUSH, USER1, USER2, MANUAL, PUSH LOCK (sel)		ATW
Power Supply	24V AC ± 10% 60Hz ± 1Hz / 12V DC ± 10%					
Power Consumption	2.5W (24VAC) / 1.8W (12VDC)			3.0W (24VAC) 2.7W (12VDC)		5.5W (24VAC) 6.2W (12VDC)
Operating Temperature	14° F ~ 122° F (-10° C ~ 50° C)	-4° F ~ 122° F (-20° C ~ 50° C)	14° F ~ 122° F (-10° C ~ 50° C)			-4° F ~ 122° F (-20° C ~ 50° C)
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)					
Ambient Humidity	85% RH (Operation) / 95% RH (Storage)					
IP Rating	-	IP67	-		IP67	
External Dimensions	4.7" (Ø) x 4.3" (H) 122mm (Ø) x 108.3mm (H)	5.8" (Ø) x 5.0" (H) 148mm (Ø) x 128mm (H)	4.7" (Ø) x 4.3" (H) 122mm (Ø) x 108.3mm (H)		5.8" (Ø) x 5.0" (H) 148mm (Ø) x 128mm (H)	
Weight	0.6 lbs. / 280g	2.2 lbs. / 1000g	0.6 lbs. / 280g		2.2 lbs. / 1000g	
Switch	Multi-function switch for OSD control - (Slide switch for Sync. System on 700TVL models)					-
Gang Box Mounting	Octagonal	Octagonal (Surface & Flush), 4S (Surface)	Octagonal		Octagonal (Surface & Flush), 4S (Surface)	
Accessories	Self-tapping screw (3), Template, Instruction Manual, Additional Power Connector, Service Monitor Cable, Allen key (outdoor)					
Certifications	CE, FCC, WEEE					

