



Dome Cameras

Outdoor Vandal-Resistant Day/Night IR Dome Cameras

MDCH-IR312NA

- 3.3-12mm **computar**® IR Coated Auto-iris Varifocal Lens
- Light Activated Photocell Turns on IR Lights at Night
- 18 IR LEDS Provide over 50' Illumination Range
- High Resolution 480 TVL
- Single Model for Surface or Flush Mounting
- Manual Pan / Tilt Rotation Mechanism
- 12VDC / 24VAC Dual Voltage (Auto-sensing)
- Optional Service Monitor Cable (ZCA-SM200)
- IP66 Rating for all Weather Conditions



CBC (AMERICA) Corp.

MDCH-IR312NA Outdoor Vandal-Resistant Day/Night IR Dome Cameras

■ Inside View



■ Mounting Options



Pendant Mount
ZC4-PM2



Pendant Mount
ZC4-WM2

■ Specifications

Model	MDCH-IR312NA	
TV system	NTSC	
Scanning system	2:1 Interlace	
Image sensor	1/3" Super HAD CCD	
Effective elements	768 (H) x 494 (V)	
Scanning frequency	15.734kHz (H) / 59.94Hz (V)	
Video output	1 Vp-p/75Ω	
Horizontal resolution	480 TVL	
Min. Illuminance	0 lux (B/W Mode - w/ IR LED ON)	
Day / Night	Digital Day / Night	
S/N ratio	More than 50dB (AGC off)	
Gamma characteristic	0.45	
IR Illumination	18 IR LEDs	
Sync. System	Internal only	
Electronic shutter	1/60 sec. Fixed	
White balance	Auto (2500°K to 15000°K)	
Power supply	AC 24V ± 10% 50Hz/60Hz ± 1Hz / DC 12V ± 10%	
Power Consumption	5.5W	
Ambient temperature	Operation: 14° F to +122° F / Storage: -4° F to +140° F	
Ambient humidity (non condensing)	Operation: Max. 85%RH / Storage: Max. 95%RH	
IP rating	IP66	
External dimensions	5.5" (∅) x 4.1" (H)	
Weight	1.7 lbs. (750g)	
Accessories	Additional power connector, plastic anchors, screws, instruction manual	
Lens Specifications		
Max. aperture ratio	1:1.2	
Focal length	3.3mm ~ 12mm	
Iris (DC auto iris)	F1.4 ~ F360C	
Angle of view (Wide to Tele)	D	125.7° ~ 29.9°
	H	89.8° ~ 23.9°
	V	63.6° ~ 17.9°

All specifications are subject to change without notice