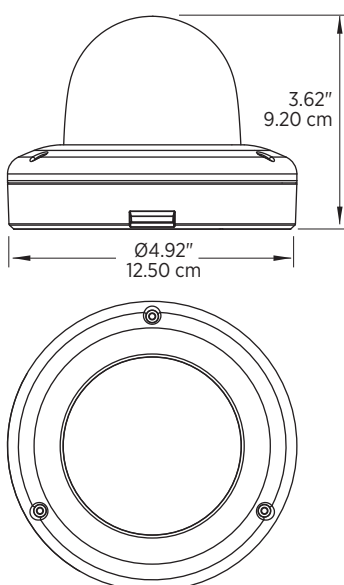


# CA2 IR MiniDome Z

High-definition (HD) analog dome with IR and WDR, for indoor and outdoor applications



For customers who need high-definition quality video, but may not need the more advanced features of an IP camera, the **CA2 IR MiniDome Z** from March Networks® delivers 1080p resolution via an analog camera, using standard coax cabling. The camera integrates IR LEDs and Wide Dynamic Range, along with a P-Iris, to deliver high-quality images in a variety of lighting conditions, from bright light to complete darkness. And the adjustable zoom and focus settings allow you to get the perfect field of view. This camera is compatible with the March Networks 8724 V Tribrid Recorder and the Edge8e HD Encoder.



## Key Benefits

- ▼ **HD 1080p resolution in an analog camera.** Get high-resolution images using the standard coax cabling that's already in place for your existing analog infrastructure.
- ▼ **Rugged aluminum housing.** The vandal-resistant metal housing withstands impact, and its IP66 rating protects the camera from dust and water intrusion.
- ▼ **Tool-free drop ceiling installation.** Poke a hole in the ceiling and tighten the bolts to install; no screws or tools required.
- ▼ **Integrated IR.** The tiny, powerful micro-LEDs provide uniform illumination in total darkness; typically cameras this small do not offer IR.
- ▼ **True Wide Dynamic Range (WDR).** When there are very bright and very dark areas in the camera's field of view, the bright areas do not appear saturated, and the dark areas are not shadowed.
- ▼ **P-Iris.** The enhanced video clarity and depth of field offered by the P-Iris allows objects close to and far away from the camera to remain in focus, simultaneously.
- ▼ **Adjustable field of view.** Adjust the camera's zoom and focus settings for a perfect view of the area.
- ▼ **3-axis gimbal.** The camera's pan, tilt and rotation are adjusted by a single mechanism. This allows for single-handed positioning of the camera during installation and simplifies setup.
- ▼ **Icon-driven on-screen display.** For applications that require some fine-tuning, it's easy to make adjustments to the camera image via the easy-to-use on-screen display.

*Upgrade from analog to high-definition surveillance using existing infrastructure, and adjust the camera's zoom for the perfect view.*

# CA2 IR MiniDome Z

## CAMERA

Image Sensor	1/3" Panasonic Progressive Scan CMOS
Signal System	NTSC/PAL
Video Output	AHD
Frequency	60Hz / 50Hz
Signal Technology	2.0MP Universal
Wide Dynamic Range (WDR)	> 120dB (max)
Active Pixel Count	1944 (H) x 1029 (V)
Resolution	1920 x 1080 (1080p @ 30fps)
Lens	2.8 - 12mm P-Iris auto-focus lens
Horizontal Angle of View	86 - 34.6°
Minimum Illumination	Color: 0.03 Lux (F1.4, 30 IRE) B/W: 0 Lux (F1.4, 30 IRE)
Shutter Time	1/30 (25) - 30,000s
Synchronization	Internal
S/N Ratio	≥55dB
Adjustment Range	360° pan, 75° tilt
IR Wavelength	850nm
IR Illumination Distance	70 feet (21.3 m)
Number of micro LEDs	2 (high power)

## KEY FUNCTIONS

Alarm Outputs	1
Backlight	OFF / HME / BLC / WDR
Sense-Up	OFF / x2 - x32
WDR	OFF / LOW / MIDDLE / HIGH
DNR	OFF / LOW / MIDDLE / HIGH
White Balance	AUTO / AUTO-EX / PRESET / MANUAL
Day and Night	AUTO / COLOR / BW / EXTERN
AGC	0 - 10
Motion Detection	ON / OFF (4 programmable zones)
Privacy Zones	ON / OFF (16 programmable zones)
Sharpness	0 - 10
Gamma	0.45 - 0.75
Remote Control	Coaxial (UTC)

## CONNECTORS

Input Power	12 VDC barrel mini-plug
Composite Video	BNC

## ELECTRICAL

Voltage	12 VDC
Power Consumption	LED OFF: 1.98 W, 165mA (2 motor lens 8.18 W, 682mA) LED ON: 3.78W, 315mA (2 motor lens: 9.8 W, 825mA)

### 5-year warranty:

- Option for Advance Replacement or Repair & Return.
- No need to issue a PO prior to receiving the replacement.
- March Networks incurs all shipping costs — both ways — for Advance Replacements.

## PHYSICAL

Construction	Aluminum with polycarbonate bubble
Dimensions (H x D)	3.66 x 4.92 in (93 x 125 mm)
Weight	1.1 lbs (499 g)
Operating Conditions	-4° to 122°F (-20° to 50°C)
Humidity	≤90% RH, non-condensing
IP Rating	IP66
Certification Model	C3101A

## REGULATORY

Emissions	EN55032, FCC part 15
Immunity	EN50130-4
Safety	EN/IEC60950-1, UL/CSA60950-1

## ACCESSORIES

Included	L wrench, screws, wall anchors, nuts and washers (for drop ceiling installation), video setup cable
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## ORDERING INFORMATION

CAMERA	
35481-101	CA2 IR MiniDome Z
37017	Wall Mount
37018	Side Cable Access Housing

## MOUNTING OPTIONS

