

A100M Digital CCD Color Dome Camera

1/3-INCH, 420TVL, WEATHER-PROOF, VANDAL-PROOF

Product Features

- Sony Super HAD™ Technology
- 1/3-Inch Format CCD Sensor
- Digital Signal Processing
- 420 Max TV Lines Resolution
- IP55 Weatherproof Rating
- UL Listed Vandal-proof
- Compact Housing



The **A100M** is an entry level, digital, color dome camera, providing a tamper resistant outdoor housing for any indoor/outdoor application.

The **A100M** features a Sony Super HAD™ 420 line CCD sensor providing excellent color reproduction and remarkable sensitivity with a signal-to-noise (S/N) ratio of more than 50 dB.

With 2 plane mounting options, the **A100M** can be mounted on the wall, ceiling, or angled surfaces. The **A100M** can accommodate a variety of fixed lens sizes ranging from 2.8mm wide angle to 25mm telephoto.

The aluminum cast structure and IP 55 weatherproof rated housing protects the camera during rain, sleet, and snow, while the armor design deters vandalism and ensures effective surveillance.

The non-intrusive, discreet housing is ideal for retail or public installs. Compact and simple design allows for a quick installation.

The **A100M** simple design guarantees efficient installation and service. The Sony Super HAD™ CCD gives the camera excellent, crisp images by day and noise free images in low lux environments. An excellent entry level vandal dome for any installation.

TECHNICAL SPECIFICATIONS

MODELS

A100M	Normal resolution digital color CCD dome camera. 420 TVL, 12VDC, NTSC.
A200M	High resolution digital color CCD dome camera. 480 TVL, 12VDC, NTSC.

CAMERA

Sensor Type	1/3-inch Sony Super HAD™ CCD
Scanning System	2:1 Interlace
Horizontal Resolution	420 TV Line
Iris Control	Auto
Focus Control	Manual
Auto Iris	A.E.S.
Minimum Illumination	0.5
S/N Ratio	>50dB
Automatic Gain Control	Yes
Automatic White Balance	Yes
Electronic Shutter Speed	1/60 - 1/100,000 second
Gamma Correction	0.45
Signal Processing	Digital Signal Processing (DSP)
Video Output	1.0Vp-p(Sync, Negative), 75 ohms

ELECTRICAL

Power Requirements	Regulated 12V DC
Power Consumption	115mA
Power Connector	2.1x 5.5, center positive
Video Connector	BNC

MECHANICAL

Lens Type	3.6mm fixed
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ENVIRONMENTAL

Operating Temperature	32° to 122°F (0° to 50°C)
Storage Temperature	23° to 131°F (-5° to 55°C)
Operating Humidity	90% RH Max.

PHYSICAL

Dimensions	74(H) x 108(D)mm
Weight	0.85 lb (0.39 kg) approx.
Shipping Weight	1.0 lbs (0.45 kg) approx.

RECOMMENDED POWER SUPPLIES

DSA	Power for one camera, 12V DC 1.25A
PS-4DC	Multi-output, 4ch, 12V DC 400mA
DPS-12D	Multi-output, 9ch, 12V DC 800mA
HPS-12D16	Multi-output, 16ch, 12V DC 800mA

OPTIONAL ACCESSORIES

N/A

