

AD-A420IR Digital CCD Color Dome Camera

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

Product Features

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



The **AD-A420IR** is an entry level, digital, infrared, color dome camera, providing a tamper resistant outdoor housing for any indoor/outdoor application.

The **AD-A420IR** features a Sony Super HAD™ 420 line, CCD sensor providing excellent color reproduction and remarkable sensitivity in zero lux environments.

The camera's 20-LED array of infrared illuminators can easily distinguish objects at a distance of 60 feet and beyond.

The **AD-A420IR** features an infinite-axis mount option making 90° wall mounting a breeze.

The aluminum cast structure and IP 55 weatherproof rated housing protects the camera during rain, sleet, and snow, while the armor design and crush resistant glass coating 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 **AD-A420IR** 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 infrared dome for any installation.

TECHNICAL SPECIFICATIONS

MODELS

AD-A420IR Normal resolution digital color CCD dome camera with IR. 420 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 lux (IR On)
IR Range 15M 45°
LED Quantity 20
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 280mA
Power Connector 2.1x 5.5, center positive
Video Connector BNC

MECHANICAL

Lens Type 3.6mm fixed

ENVIRONMENTAL

Operating Temperature -4° to 122°F (-20° to 50°C)
Storage Temperature -4° to 131°F (-20° to 55°C)
Operating Humidity 90% RH Max.

PHYSICAL

Dimensions 80(H) x 94(D)mm
Weight 0.88 lb (0.4 kg) approx.
Shipping Weight 1.25 lbs (0.57 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