

Model Numbers

- AV1300M
1.3 Megapixel Camera
- AV1300DN
1.3 Megapixel Day/Night Camera with Automatic IR Cut Filter
- AV1300AI
1.3 Megapixel Camera W/Auto Iris

Imaging

- 1.3 Megapixel CMOS Image Sensor
- 1280(H) x 1024(V) Pixel Array
- 1/2" Optical Format
- 4.2 µm Pixel Pitch
- Bayer Mosaic RGB Filter
- Sensitivity 0.1 lux @ F1.4
- Dynamic Range 60 dB
- Maximum SNR 45 dB

Data Transmission

- Data Rate up to 55Mbps
- Video Frame Rate up to:
 - 30 fps @ 1280x1024
- Motion JPEG with 20 Levels of Quality
- TFTP and HTTP Image Transmission Protocols
- 100Base-T Ethernet Network Interface

Programmability

- Auto Exposure (AE) and Gain Control (AGC) >120dB
- On-Camera Motion Detection with 64 Detection Zones
- Auto Backlight Compensation
- Auto Multi-Matrix White Balance
- 50/60Hz Selectable Flicker Control
- Electronic Pan, Tilt, Zoom (PTZ)
- Electronic Image Rotation - Up-Side Down Image Turn
- Resolution Windowing Down to 32x32 Pixels Window
- Programmable Motion Blurring Control for Low-Light Mode
- MoonLight™ Mode - Extended Exposure and Proprietary Noise Cancellation
- Programmable Resolution, Brightness, Saturation, Gamma, Sharpness, Tint
- Picture-in-Picture: Simultaneous Delivery of Full Field of View and Zoomed Images
- Bandwidth & Storage Savings by Running at 1/4 resolution

Electrical

- Opto-coupled Alarm Input, Opto-Coupled Alarm and Flash Sync Output
- Power Over Ethernet (PoE) or DC Input
- PoE 802.3af/auxiliary 12V-48V DC
- Power Consumption 3 Watts Maximum
- Optional DC AI Connection

Regulatory Approvals

- FCC and CE compliant

Mechanical

- 3"Wx2.5"Hx2.25"D (w/o lens)
- 8.6 oz or 243 grams (w/o lens)
- C/CS Lens Mount

Environmental

- Operating Temperature 0°C to +50°C
- Storage Temperature -20°C to +60°C
- Humidity 0% to 90% (Non Condensing)

