

Model Numbers

- AV2100M
2 Megapixel Camera
- AV2100DN
2 Megapixel Day/Night Camera with Automatic IR Cut Filter
- AV2100AI
2 Megapixel Camera w/Auto Iris

Imaging

- 2Megapixel CMOS Image Sensor
- 1600(H) x 1200(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 41 dB

Data Transmission

- Data Rate up to 55Mbps
- Video Frame Rate up to:
 - 24 fps @ 1600x1200
 - 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" W x 2.5" H x 2.25" 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)

