

Model Numbers

- AV5100M
5 Megapixel Camera
- AV5100DN
5 Megapixel Day/Night camera with automatic IR cut Filter
- AV5100AI
5 Megapixel Camera w/Auto iris

Imaging

- 5 Megapixel CMOS Image Sensor
- 2592(H) x 1944(V) Pixel Array
- 1/2" Optical Format
- 2.2 µm Pixel Pitch
- Bayer Mosaic RGB Filter
- Sensitivity 0.3 lux @ F1.4
- Dynamic Range 60 dB
- Maximum SNR 41 dB

Data Transmission

- Data Rate up to 55Mbps
- Video Frame Rate up to:
 - 8 fps @ 2592x1944
 - 15 fps @ 2560x1600
 - 30 fps @ 1280x1024
- Motion JPEG with 20 Levels of Quality
- TFTP & HTTP Image Transmission Protocols
- 100Base-T Ethernet Network Interface

Programmability

- Auto Day-Night Switch from Monochrome to Color
- 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
- Pictures-In-Picture: Simultaneous Delivery of Full Field of View and 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 Connector

Regulatory Approvals

- CE compliant
- FCC Part 15, Class B

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

