



VIAAS CAMERA 1.1

Powerful Video Management With Audio, No Hassles

VIAAS is an online service for video monitoring. Plug Camera 1.1 into a broadband network and it securely links to the VIAAS online service. Log in from any browser or mobile phone for instant access to real-time and archived video.



Zero Configuration

Camera 1.1 automatically detects network configuration and connects to the VIAAS service. No IP knowledge or network configuration is required.

Use Existing Connections

Camera 1.1 Bandwidth Shaping uses bandwidth when it is available. Existing broadband connections support multiple cameras without upgrade or impact on applications.

No DVR

Camera 1.1 and VIAAS combine to provide state of the art video capture, storage, management, and remote access, without the cost and complexity of DVRs or on site equipment.

New For 1.1

Camera 1.1 adds high quality audio recording and enable an optional IR illuminator.

FEATURES

Zero Configuration: No network configuration or modification is required.

High Quality Images and Video: Ultra Wide Dynamic Range (UWDR) 720x480 imager (up to 110 db) and state of the art H.264 encoder deliver great video quality in almost any lighting situation.

True Day/Night: A built-in IR exchanger provides great color during the day and high sensitivity B&W IR at night. Illuminator accessory makes night time video convenient.

Motion Based Capture: Capture what matters, without wasting bandwidth or time.

Bandwidth Shaping: Micro SD card storage is used to time shift bandwidth. Camera One uses almost no bandwidth during busy hours and uploads video when your network is idle.

Audio Enabled: Built-in microphone for audio recording and streaming.

Encryption and Signing: Images and video are encrypted and signed to protect your privacy.

Active Software: Firmware is automatically maintained by the VIAAS service.



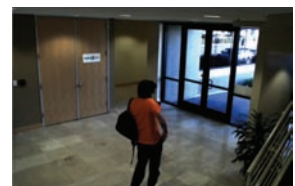
High quality images



Compatible with IR



Good low-light performance



Ultra-wide dynamic range

REQUIREMENTS

- Valid subscription to VIAAS Service
- Broadband Internet connection with 384kbps uplink bandwidth
- Power over Ethernet (Class 2)
- Monitoring is through VIAAS service: desktop client requires Flash v10 or above; mobile version requires HTML browser.

TECHNICAL SPECIFICATIONS

Imager

- 720x480 Resolution UWDR CMOS Sensor
- 4.7 V/LuxSecond
- Day Mode
 - 20 FPS
 - Color, up to 110db UltraWide Dynamic Range
 - Minimum light 1lux
- Night Mode
 - 8 FPS
 - Black and White, up to 80db Dynamic Range
 - Visible light and IR sensitive
 - Minimum light 0.1lux
- Integrated IR Exchanger
 - True color during daylight and full IR sensitivity at night
 - 675 nm cut filter when engaged

IR Illuminator Option

- Power and Mount points for Illuminator option simplifies IR integration

Audio

- High quality 32kbps AAC mono audio capture
- Sensitivity -35db \pm 2dB
- 16 bit, 16khz sample rate

Imaging Formats

- H.264 Baseline profile video
- High Quality full resolution JPEG images
- JPEG thumbnails

Included Zoom Lens

- F1.8 4x Zoom lens
- Horizontal FOV of 25 to 70 degrees

Lens Mount

- Industry standard M12 mount
- Supports lens with minimum mechanical back focal length 5.75mm or greater

Connection

- Ethernet 10/100BaseT RJ45 Connector
- PoE Class 2 Device

Bandwidth

- < 384 kbps live streaming bandwidth
- 5 kbps default daytime shaping bandwidth

MicroSD Card

- Micro SD/SDHD card compliant
- Minimum 1GB max 32GB
- Automatic formatting

CPU

- TI - DM6446 at 594 MHz
- 297 MHz ARM9, 594 MHz DSP
- 128 MBytes DRAM

Power

- Power Consumption: < 5 Watts

Environment

- Operating temperature range: 0C to 50C (32F-120F)
- Indoor camera - not weather sealed

Included Camera Mount

- Selectable foot - scissor mount or screwmount
- 180 degree adjustable head

Tripod Socket

- Industry standard 1/4-20 thread

Form Factor

- With lens: 7.0" long x 3.6" wide x 1.9" high
- Without lens: 5.5" long x 3.6" wide x 1.9" high
- Compatible with standard external housings

