

# 2.0 Megapixel IP Outdoor Dome Camera



AVD552IP

2.0 Megapixel / Day & Night / H.264



AVUE's AVD552IP is a high performance Fixed Network Camera which is equipped with a 2.0 megapixel CMOS sensor and a resolution of up to 1920x1080.

## ● 2.0 Megapixel

The AVD552IP offers to show you video feed with a large field of high resolutions at 2.0 megapixels that provide you with clear images in great detail.



## ● H.264 compression

Currently, the H.264 is the most common and dynamic video compression format and a powerful compression codec which delivers superior image quality at a low bit rate.

## ● Customize to suit the light

Our scheduled scenario settings customize exposure modes for your needs, adjusting your cameras to the differences in the varying strengths of light available at all hours in any given site. This enables ideal surveillance for all sites anywhere, from street traffic through shopping malls to buildings and office interiors.

## Features

- Adopts TI TMS320DM368 digital media processor.
- 1/2.7" OmniVision 2M CMOS sensor.
- Simultaneous H.264, MPEG4, and MJPEG video compressions.
- Three multi-profile applications: Selectable resolutions, frame rates, qualities, and compressions.
- Min. Illumination: color 0.3Lux at F1.4.
- Two-way audio.
- Advanced motion detection (512 zones, Sensitivity: 0~100 %).
- Built-in SD / SDHC card slot for schedule and alarm recording.
- Supports ONVIF.
- Full range of power options: DC 12V / AC 24V / PoE (IEEE 802.3af).
- IP-66 certification is for preventing dust and water.

**AVUE**  
Affordable Quality

# SPECIFICATIONS

## Camera

- Image sensor: 1/2.7" OmniVision 2M CMOS sensor.
- Lens: Computar 3.3~12 mm Vari-focal auto iris DC drive.
- Minimum illumination: Color: 0.3Lux @ F1.4.; B/W: 0.02lux@F1.4
- IR cut filter.
- Day & Night: Auto/ Day/ Night/ Schedule.

## Image

- Video Compression: H.264 / MPEG4 / MJPEG.
- Resolution:
  - 1080P(1920 x 1080), 720P(1280 x 720)
  - VGA(640x480), QVGA(320X240), QQVGA(160X120).
- Video streaming:
  - Simultaneous H.264, MPEG4, MJPEG
- Multi-profile: resolution/ compression/frame rate/video quality.
- Profiles: 3.
- Frame rate: 18 FPS(H.264, 1080P, single stream).
- Image settings
  - Adjustable image size, quality, and bit rate.
  - Day/Night mode.
  - Flip & Mirror.
  - Exposure control.
  - White Balance, Brightness, Saturation, Contrast, Sharpness.
  - Time stamp and text caption overlay.
  - Privacy masks.
- Video management software: SDK, including HTTP-API/ActiveX/ONVIV.

## Audio

- Audio streaming: Two-way
- Audio bit rate: G.711u 64kbps / G.726 32kbps.
- Inputs / outputs: 1 x input / 1 x output(3.5mm earphone iack).

## Network

- Security: Multi-level password protections, IP address filtering, HTTPS encryption, User access log.
- Protocols: IPv4, HTTPS, HTTP, TCP, UDP, RTP/RTCP/RTSP, DHCP, NTP, FTP, SMTP, UPnP, ICMP, ARP, DDNS, PPPoE, SAMBA.
- Users: Access by 8 simultaneous users.
- Firmware update: SD card / HTTP.

## Alarm

- Recording: SD card, SAMBA, FTP.
- Pre-alarm recording.
- Advanced motion: (512 zones, Sensitivity: 0~100%).
- Trigger: Motion detection, Schedule, Alarm input, Ethernet loss, Network/Remote digital alarm input.
- Notification: SD card recording, SMTP, FTP, HTTP, alarm output.

## Connectors

- RJ-45: 10BASE-T/100BASE-TX
- Digital I/O: Push-in: 2 x digital input/ 2 x digital output/ 1 x DC output (12V DC) / 1 x ground.  
Earphone jack: 1 x 3.5 mm (1 x Audio in [mic. In / line in], 1 x Audio out[line output]).
- Reset: Reset for factory default.
- Local storage device: SD / SDHC card slot.

## General

- LED indicators: Power / Network / SD card.
- Power:
  - 12V DC (DC power jack).
  - 24V AC (2pin terminal block).
  - 802.3af compliant Power over Ethernet (IEEE 802.3AF, Class 3).
- Power consumption: <=10W.
- Processors: TMS320DM368
- OS: Linux 2.6 kernel.
- Operating conditions: -40°C to 50°C(-40°F to 122°F).
- Approvals: CE, FCC, RoHS, IP-66, IK-10
- Dimensions (HxW): 123 x 150 mm.
- Accessories included:
  - Installation guide.
  - CD x 1 (includes User's Manual).
  - Power adapter: (Input: 100 – 240V AC, 50/60Hz, Output: 12V DC, 1A).
  - USB connector line.
  - RJ-45 cable x 1.

\*Design and specifications are subject to change without notice.