

AIP-VGA2

1/4" CMOS VGA Pan/Tilt Network Camera

25/30fps at VGA, ICR D&N, IR LED, Built-in Pan/Tilt driver



- > 1/4" CMOS image sensor
- > High-performance TI DaVinci series DSP
- > H.264 video compression and JPEG image capture
- > 25/30fps at VGA/CIF/QVGA/QCIF/QQVGA resolution
- > Dual encoding streams supported
- > Support ICR true Day/Night
- > 2 /1channel alarm IN/OUT(I/O Port cable Extension)
- > Built-in Pan/Tilt driver, support 3D intelligent positioning
- > Built-in high performance IR LEDs(7~10 meters)
- > Built-in 1 channel PIR sensor
- > Max 32GB Hot-swappable SD card for local storage
- > Built-in Web server, NVR, CMS(PSS/DSS) & DMSS

Specification

General

Processor: TI DaVinci Series DSP
Operating System: Embedded LINUX
Resource: Simultaneous remote monitoring, local recording and remote control
User Interface: WEB, CMS(DSS/ PSS), DMSS, NVR

Camera

Image Sensor: 1/4" CMOS
Effective Pixels: 640(H)×480(V)
Electronic Shutter: Auto/Manual, 1/50~1/10000s
Mini. Illumination: 0.5 LUX/F1.8, 0 LUX/F1.8(IR ON)
Signal Noise Ratio: >50dB
Gain Control: Auto
White Balance: Auto

Day/Night: ICR
Video Format: PAL/NTSC
Lens: M12-mount , Fixed focal lens, 4.3mm, F1.8
Pan/Tilt: Horizontal: $\pm 150^\circ$, Vertical: $-30^\circ \sim 90^\circ$

Video

Video Compression: H.264
Image Resolution: VGA(640×480) / CIF(352×288/352×240) / QVGA(320×240) / QCIF(176×144/176×128) / QQVGA(160×120)
Encoding Speed::
 Main Stream: VGA/CIF/QVGA/QCIF/QQVGA (1~25/30fps)
 Extra Stream: VGA/CIF/QVGA/ QCIF/QQVGA(1~25/30fps)
Bit Rate: 32K~3Mbps
Snapshot: Fastest 1fps JPEG capture
Video Format: NTSC

Audio

Audio Compression: PCM(64Kbps) / G.711a(32Kbps)
Input: 1 channel 3.5mm Jack Mic in
Output: 1 channel 3.5mm Jack Speak out

Network

Ethernet: RJ-45 (10/100Base-T)
Network Functions: HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, , Alarm Server
Remote Operation: Monitor, PTZ control, Playback, System setting, File download, Log information, Maintenance & Upgrade

Auxiliary Interface

SD Card: Max 32GB, local storage
Alarm I/O: 2/1 alarm in/out
PIR: 1 PIR sensor

Environmental

Power Supply: DC 5V
Power Consumption: < 3W
IR LED: 7~10 meters
Operating Environment: $-10^\circ\text{C} \sim +50^\circ\text{C}$, 10% ~ 90%
Dimension: 106mm × 102mm × 138mm
Weight: 340g
Mount: Desktop or Wall

*Above specifications and design subject to change without notification