



AIP-20DV

H.264/MJPEG Cost-effective 2MVandal Dome Camera



Key Features

1/2.9" 2.43M PS CMOS Sensor

2.8-10mmV/F Lens

Min. Illumination: 0.0016Lux

Max. 30fps@2M(1920x1080)

Dual Stream(H.264, MJPEG)

Onboard storage by Micro SD (Option)

Built-in PoE (Optional)

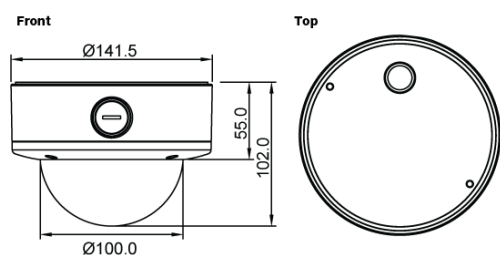
30 IR LED (Optional)

Supports both ONVIF(ProfileS) and PSIA(v1.0) standards.

Video Encoding	H.264/MJPEG(simultaneous dual stream) H.264/H.264 (true H.264 dual streaming) Simultaneous streaming with independent control
Video signal	N/A
Resolution	1920x1080, 1280x720,640x352, 320x176, 160x96
Live Casting	Streaming video channels Up to max 30fps@ 2M when simplex
Audio Encoding	N/A
Audio channels	N/A
PTZ support	N/A
Serial Interface	Console, By-pass command to control UART device Serial Input/Output mode (3.3V TTL)
Bandwidth Management	Frame rate control / Bandwidth control / CBR / VBR [Trigger Condition]Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule
Alarm Management	[Alarm Service]Image holding service (Max 5.6MByte pre-post alarm buffer), Image upload service through E-mail / FTP (support pre & post), Notification service through TCP / UDP / HTTP
Security	Channel based user password protection for live-cast, PTZ, alarm output and audio
Dynamic IP	Dynamic IP service using www.ipcctv dns.com
Smart Solution	Smart Phone Application (IOS, Android)
Web interface	Live-cast, PTZ control, search through Web browser Minimum PC requirement - Windows XP Pro (IE 6.x or later) , Pentium4 (2Ghz, 2GRAM), Video Card(256MB RAM, 1024x768)
Management Software	Supports 16, 32, 64, 128ch Management Software Full-featured PC NVR with matrix functionality
System Integration	[Protocol] HTTP, RTP/RTSP, TCP/IP, FTP, Telnet, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPNP, and etc. [SDK] Open HTTP API / ActiveX for live cast with audio & PTZ [Service]Image upload / notification service / service for POS integration

Installation & maintenance	Configuration by installation wizard, HTTP, telnet and console. Upgrade firmware through HTTP, telnet & FTP
Misc.	Transmit serial input data with video Quick Time & VLC media player compatible
System hardware	32bit Embedded CPU / Embedded Linux / 128MByte SDRAM / 128MByte NAND Flash
Power	Power Supply - SMPS 12V (1A) [AC100~240V, 50/60Hz, 300mA] Max. Power Consumption - DC12V, 4.8W
Approvals	IP66, KC, FCC, CE, RoHS
Dimension / Weight	145 Ø x 120 (H) (in mm) (1.0kg impact-resident casing) 885g without Power Supply
ExternalInterface	10/100-Base-T Ethernet (auto-sensing) 1 DI/DO(3.3V TTL) 1UART port(3.3V TTL) Factory Default Button
Working Environment	Temperature: -10~50 ℃, Humidity: 10~90% RH
Image sensor	1/2.9" progressive scan CMOS Total number of pixels: 2000Hx1241V=2.48M Pixel size : 2.5 8 (H) µm × 2.5 8 (V) µm Color filter Bayer arrangement of primary colors: R, G, B Bit number of internal ADC: 10/12 bits Parallel output: 37.125 MHz, 10/12 bits Maximum frame rate in all-pixel scan mode: 60/30 fps
Lens	2.8-10mm, V/F, F1.2 Day & Night (Auto/B&W/Off) Auto White Balance Noise Filter (Off/On) Brightness/Contrast/Sharpness/AGC Gain Control Lens Type (DC/Manual) Shutter (Manual/Auto) Vertical/Horizontal Flip Sens Up Level Frequency Control (50/60)
ImageSetting	
Minimumillumination	0.0016 Lux
Options	Built-in PoE (IEEE 802.3af) 30 IR LED

Dimensions



Accessory

