

# Mega Pixel IP Vandal Resistant IR Dome Camera

## AVDIP-HDT7020EM (DC12V)



## Mega Pixel IP - One Push Autofocus Vandal Resistant IR Dome Camera

Camera Specification	
Type	2 Megapixel network IR Dome camera
Image Sensor	SONY EXMOR 2Mega Pixel Image Sensor
Total pixel	2000 (H) × 1121 (V) approx. 2.24M pixels
Effective pixel	1984(H) × 1105 (V) approx. 2.19M pixels
Scanning System	Progressive Scan
S/N ratio	50dB
Video output	CVBS : 1.0Vp_p / 75Ω composite for installation
Resolution	1920 x 1080 / 1280 x 1024 / 1280 x 960 / 1280 x 720 / 640 x 480 / 320 x 240
Min. illumination	0.01 Lux (Sense up Auto x 4):LED OFF 0 Lux(25 Range):LED ON
Alarm input/output	Input:1,output:1
IR LED	35PCS
Lens	Vari-focal 2 motorized megapixel lens

Camera Function	
DAY&NIGHT	Auto, Color, B/W
WDR	Step 1 ~ Step 5, Back light, Front light
DNR	1 ~ 63
Sense up	Auto (Level 1 ~ Level 29)
Brightness	Adjustable
Contrast	Adjustable
Sharpness	Adjustable
White Balance(AWB)	Auto, Indoor, Outdoor, Fluorescent
Saturation	Adjustable
Edge Enhancement	Adjustable

Network Specification	
<b>Summary</b>	
OS	Embedded Linux
Network Interface	RJ45 10/100BaseT, Ethernet
Setting	By web browser
Network support	Leased Line, Cable Modem, Support Dynamic IP and Static IP. ADSL usable under Router
Supported Protocol	TCP/IP, UDP/IP, RTP, RTSP, RTCP, NTP, HTTP, DHCP,
Security	FTP, SMTP, DNS, DDNS USER AUTHENTICATION
PC OS(Viewer)	WINDOWS XP, VISTA, WINDOWS 7
Web browser	IE 7.0 or higher

## FEATURES

- Sony EXMOR 2Mega Pixel Image Sensor
- 2Motor 3Mega 2.8~12mm Lens
- Triple Codec (H.264/MPEG4/MJPEG)
- Triple Stream
- Support ONVIF
- Support POE
- DWDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Sense-Up (x29)
- True Day & Night
- Built-in IR LED 35pcs  
(Night View Distance 25m)
- Built-in OSD Controller
- Service Video Controller through Cable
- Built-in Heater & Blower(Optional)
- Flush or Surface Mount
- Waterproof (IP68)
- 3-Axis Gimbal & Vandalproof Dome Housing

Network Specification	
<b>Audio</b>	
Audio Input / Output	Mic In, Line out
Audio compression	G.711 μ-law
Audio communication	Two-way
<b>Image</b>	
Compression	H.264, MPEG-4, MJPEG
Resolution	1920 x 1080 / 1280 x 1024 / 1280 x 960 / 1280 x 720 / 640 x 480 / 320 x 240
Compression Rate	200:1(Typical)
Frame Rate	30fps (@1920 x1080)
Bit Rate	64 ~ 9000Kbps
<b>Function</b>	
Simultaneous Access	Max. 10 users
Video Recording	Recording in client PC with CMS or FTP Server upon Alarm Event
Motion Detection	Support
Privacy Zone	Support
OSD	Support
Alarm Input / Output	Input 1, Output 1 – Digital output, Open collector
Dynamic IP	Support
IP Router	Support
DDNS	Support

Electric Specification	
Power Supply	Regulated 12V DC, PoE(Power over Ethernet)-IEEE802.3af Class 0
Current Consumption	Max. 650mA
Operation Temp.	-30°C ~ 70°C
Preservation Temp.	-20°C ~ 60°C
Weight	Approx. 1.25kg

## Dimension

