1 CHANNEL, DUAL STREAM, D1 RESOLUTION, IP VIDEO ENCODER
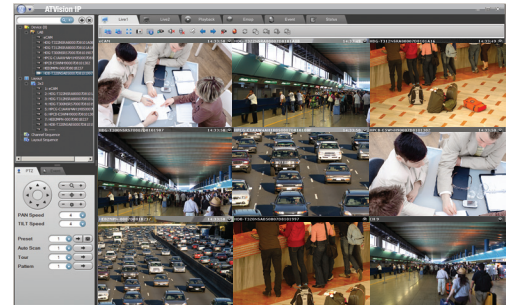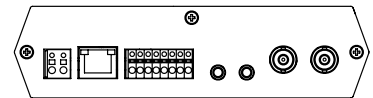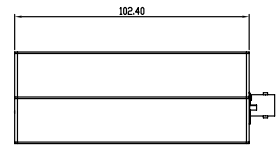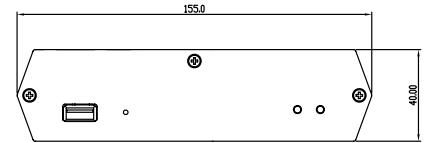
IP VIDEO ENCODER

IPE1CH

- ▶ Converts 1 channel of analog video into network, IP video

- ▶ Exceptional D1, 704 x 576 resolution

- ▶ Highly efficient H.264 video compression which drastically reduces bandwidth and storage requirements

- ▶ Dual video streams simultaneously, up to 30-ips, at D1 resolution using H.264 and MJPEG compression

- ▶ Equipped with RS-485 port for connecting PTZ camera

- ▶ Motion detection (8 zones), Privacy Masking (8 Windows) and FTP Image Upload

- ▶ Includes ATVision IP Remote Management Software

- ▶ Accepted web browsers for viewing video with Windows operating system include Internet Explorer, Safari, Firefox and Google Chrome

- ▶ Supports alarm in/out and two-way audio

- ▶ Multi-user authority, Privacy Zone, HTTPS and IP filtering for enhanced data protection

- ▶ ONVIF compliant for network video interoperability

- ▶ PoE & 12VDC/24VAC Power Options

SPECIFICATIONS

MODEL	IPE1CH
VIDEO	
Video In/Out	BNC, 1.0Vp-p [75ohm, composite]
Compression	Motion JPEG, MPEG-4 Part2, H.264 (MPEG-4 Part 10)
	Profiles: H.264 MP and BP, MPEG-4 ASP and SP
Resolutions	4CIP, 2CIP, CIF, QCIF, VGA, QVGA, QQVGA
	Max. 704x480/704x576 [NTSC/PAL], Min. 160x120
Frame Rate, H.264	Up to 30/25fps [NTSC/PAL] @ all resolutions
Frame Rate, MPEG-4	Up to 30/25fps [NTSC/PAL] @ all resolutions
Frame Rate, MJPEG	Up to 30/25fps [NTSC/PAL] @ all resolutions
Video Streaming	Simultaneously H.264 (or MPEG-4) and MJPEG
	Controllable Frame Rate and Bandwidth, VBR/CBR H.264 and MPEG-4
AUDIO	
Audio In/Out	1/1, RCA
Audio Streaming	2 Way
Compression	G.711 ADPCM 40kbps~16kbps
NETWORK	
Security	Multi-user authority, HTTPS, IP Filtering, Privacy Zone
Supported Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, SNMP, uPnP, RTP,
	RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Installation Tool	Yes, SmartManager (included utility software)
Upgrade	Yes, SmartManager (included utility software)
Remote Access	ATVision IP Remote Management Software, Web Browser
Max. Connection	10
FEATURE	
API Programming Interface	API Supported, Open Platform Compatible: ONVIF
Alarm Triggers	Motion Detection, External Input, Video Loss
Alarm Events	File upload via FTP and HTTP, Notification via E-mail, HTTP and TCP
	External Output activation, Audio alert activation
Video Buffering	Pre and Post Alarm
Motion Detection	Yes, Max 8 window
Privacy Mask	Yes, Max 8 window
Network Time Synchronization	Yes
Software Reset	Yes
Factory Reset	Yes, Button/Web browser
Auto Recovery	Yes
Alarm In/Out	1 TTL / 1 Relay Output
Auxiliary	1 x RS485
Ethernet	RJ-45 10BASE-T/100BASE-TX PoE
LED Indicator	Power, Network
GENERAL	
Operating Temperature	32º - 122ºF (0º - 50ºC)
Operation Humidity	0~90% (non-condensing)
Power Consumption	AC24/DC12V max. 5watt, Power over Ethernet IEEE 802.3af Class2/3
Dimensions (WxHxD)	6.1 x 1.57 x 4.03in (155 x 40 x 102.4mm)
Unit Weight	1.0lb (.455kg)
Conformity Certifications	FCC, CE, MIC

System Requirements for ATVision IP Remote Management Software:
Operating System: Microsoft® Windows® XP Professional, Windows Vista™ Enterprise/Ultimate,
Windows 7 Professional/Enterprise/Ultimate (Windows 7 recommended)
CPU: Intel® Core™2 Quad processors or higher (Core™ i7 processor recommended)
RAM: Minimum 1 GB (4 GB or more recommended)

DIMENSIONS

155.0

40.00

102.40

ATVision IP Remote Management Software

ADVANCED
TECHNOLOGY
VIDEO

ATV77210212-00