

AVA-E401A-HD

NDA
COMPLIANT

4MP HD VIDEO SERVER

The AVYCON AVA-E401A-HD is a HD-TVI/AHD/CVBS Video Server, with a maximum input resolution of 4MP (2560 x 1440). The AVA-E401A-HD supports Smart Video Analytics features, including line crossing, intrusion, and exception detection. Also included is a microSD slot with support for up to 128GB, which allows for Edge / local recording. This video server includes both Audio and Alarm inputs and can be powered by either 12VDC or PoE (802.3af).

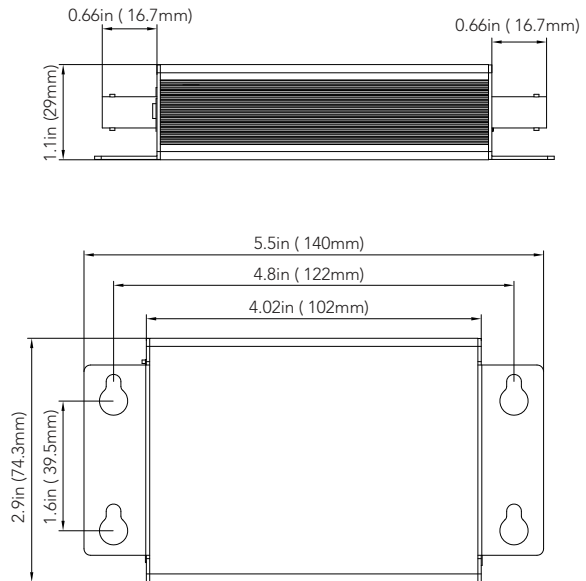


OVERVIEW

- 4MP (2560 x 1440) full real time encoding
- Max. Resolution: 2560 x 1440
- H.264, H.265, and MJPEG encoding
- Supports 4MP AHD / CVBS video access, 2MP TVI / AHD / CVBS video access
- Up to 128GB microSD
- Smart Analysis: Line Crossing, Intrusion, Exception Detection (Optional)
- PoE / DC12V Power Supply
- Supports Triple Streams
- CoC Control
- Supports ROI encoding
- TVS 6000V lightning protection, surge protection

DIMENSIONS

Unit : inch(mm)



SPECIFICATIONS

VIDEO & AUDIO INPUT	
HD Analog Video Input	1 CH, BNC interface (level: 1.0Vp-p, impedance: 75Ω) NTSC/PAL self-adaptive, 4MP AHD/CVBS video access; 2MP TVI/AHD/CVBS video access
Audio Input	1 CH: 3.5mm interface, share with MIC IN interface
VIDEO	
Video Compression	H.265, H.264, MJPEG
H.264 Compression Standard	Baseline Profile / Main Profile / High Profile
Bit Rate Type	VBR / CBR
Quality	Five levels under VBR; Freely adjustable under CBR
Bit Rate	32Kbps ~ 16Mbps
Resolution	2560 x 1440, 2304 x 1296, 2048 x 1536, 1920 x 1080, 1280 x 960, 1280 x 720, D1, CIF, 480 x 240
Multi-Streams	4MP, 3MP, 1920 x 1080, 960P, 720P, D1, CIF, 480 x 240 @ Up to 30 fps
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
ROI	Supported
AUDIO	
Audio Compression	G711A/U
INTERFACES	
Network	RJ45
Audio	MIC IN x 1, SPK OUT x 1
Storage Card	Up to 128GB
RS485	Supported
Alarm Input	1 CH alarm input
Alarm Output	1 CH alarm output
Local Output	1 CH BNC output
FUNCTIONS	
Remote Monitoring	IE browsing, CMS remote control
Online Connection	Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission
Network Protocol	TCP / IP UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
Interface Protocol	ONVIF, GB-T / 28181-2011
Image Snap	JPEG encoding, image quality adjustable
Smart Analysis	Exception detection, intrusion detection, line crossing detection
Ingress Protection	TVS6000V lighting protection, surge protection
GENERAL	
Power Supply	PoE/DC12V
Power Output	Max 12V @0.5A
Power Consumption	≤4W
Operating Environment	-4F ~131F (-20C ~ 55C), 10%~90% (relative humidity)
Dimensions	(5.51" x 2.93 x 1.14")140mm x 74.3mm x 29mm
Weight	0.49lb
Installation	Wall mounting