VISUALTOOLS

Video decoder **AX-TV**

AX-TV is a small sized device specially designed to visualize on a HDMI television or monitor up to 16 AXIS IP cameras, ONVIF compliant IP cameras (including encoders and views from 360-degree cameras,) and/or digital, analogue or HDTV cameras connected to ONVIF compliant DVRs o NVRsinstalled either on the local network or via Internet.

Easy to install, configure and use, **the decoder AX-TV broadcasts the signal from the cameras and displays them at full screen or in a quad format (2x2, 3x3 or4x4) on the chosen television.**

*"You can broadcast **images of up to 16 cameras directly to your TV via HDMI**. It is wireless. It does not need a PC and offers an IR remote control"*

This wireless HDMI decoder is **the perfect partner for local or remote monitoring** since it provides great picture quality, permits to limit the maximum input resolution for narrow bandwidths and allows saving the cost of a PC.

Furthermore, AX-TV **allows using one of its channels to display digital contents** such as product demonstrations, promotional ads or corporate information by using the Micro SD slot or USB port of the unit.

Main features

- UP TO 16 CAMERAS ON SCREEN
- ALLOWS USING A CHANNEL FOR THE DISPLAY OF DIGITAL CONTENTS
- CONFIGURABLE SEQUENTIAL DISPLAY
- ALLOWS MOVEMENT OF PTZ /ePTZ CAMERAS
- ANDROID AND APPLE COMPATIBLE WEB INTERFACE
- SMALL SIZE OF 10 X10 CM
- NO NEED FOR PC
- INFRARED REMOTE CONTROL FOR EASY SET UP
- AVERAGE TRANSMISSION OF 15 FPS
- SUPPORTS MJPEG OR H.264 VIDEO, 4:3 & 16:9 FORMATS AND DIFFERENT RESOLUTIONS
- API FOR INTEGRATION IN THIRD PARTY SOFTWARE
- CONFIGURATIONS EXPORTABLE TO USB/ MICRO SD
- FIRMWARE UPGRADEABLE VIA USB

Monitoring solution

AX-TV is a small sized video decoder **compatible with AXIS IP cameras, ONVIF compliant IP cameras (including encoders and views from 360-degree cameras,) and/or digital, analogue or HDTV cameras connected to ONVIF compliant DVRs o NVRs,** including encoders and views from 360-deegree cameras, that allows for network or WiFi connection between the cameras and a TV with HDMI connector.

It detects automatically the devices connected to the local network; it provides a configuration menu controllable with an infrared remote control or via web browser; offers great image quality and refresh rate; allows movement of PTZ cameras, and it is upgradeable via USB..

For a list of supported cameras refer to:
info@visual-tools.com

Intelligent operation

• AX-TV detects automatically the devices connected to the network

• Allows the use of one channel for the display of digital contents recorded in Micro SD card or USB device attached to the unit.

• It supports IP cameras with 4:3 and 16:9 image format, MJPEG or H.264 compression, and different resolutions.

• Whenever the camera supports it, the device can show images of a camera with resolution up to a 1280x720 pixels. Otherwise AX-TV will re-scale the image to fill in the screen

• In quads of multiple viewers, AX-TV will only ask the cameras for the displayed resolution to optimize bandwidth usage. In addition, for very narrow bandwidths the maximum resolution of the cameras can be limited by editing their corresponding profiles from the setup menu.

Applications

AX-TV is perfect for monitoring tasks in all kind of infrastructures with up to 16 cameras.

• HOSPITALS: used to gather in a single monitor the cameras located at sensitive areas or places of interest to a group of users.
• SMALL BUSINESS: used by managers or owners to monitor from their office the cameras of the establishment.
• RESIDENTIAL SECTOR: therefore, used to monitor the inside of the house as for remote monitoring of second homes.
• GARAGES AND HOUSING ESTATES: it is used to monitor the entry and sensitive areas liable for video surveillance from the gate keeper.

Technical characteristics

VIDEO FORMAT:	MJPEG or H.264
	4:3 & 16:9
	Multiple resolutions
DISPLAY:	HDTV (1280x720)
TRANSMISSION:	Between 16fps (Q1x1) and 14fps (Q4X4).
OUTPUTS:	1 HDMI 2.0 output
CONNECTIONS:	Ethernet RJ45 10/100M Cable
	Built-in 802.11 b/g/n WiFi inside
	Infrared remote control
	USB connection for updates and for optional use of mouse and QWERTY keyboard and/or reading of multimedia contents
POWER SUPPLY:	110-240, 1A Æ DC 5V 2A
SIZE:	105mm (L) x 100mm (W) x 26mm (H)
WEIGHT:	450 g.

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