



Key Features

- WIFI Network Connectivity
- 4K, 3840 x 2160, 8MP, UHD, HD or SD Decode + Display
- Low Cost HDMI Decoder
- Display up to 16 x cameras on screen
- ONVIF Discovery
- H.265 or H.264 Decode

Product Description

ANT-37500W (WIFI Version) (see ANT-37500 for non-wifi) is the latest decoder product in the 'SpotBox' line up and includes new features such as a smaller metal housing with mounting fins and holes pre drilled, PoE options, WIFI connectivity and USB C power enabling the user to power the box from the monitor. It is a low cost, PC-Less way to view and display Ip camera streams

Capable of up to a maximum output and decode resolution of 3840 x 2160 for a single stream, and up to 16 URL streams decode in resolutions from 480P ,720P to 1920 x 1080 P60 using an IP LAN ethernet connection.

Available viewing modes of full screen , quad view 9 view and 16 view on either a 4K or 1080P monitor. In 4K display mode all cameras are displayed in their native resolution, no scaling. ONVIF auto discovery of cameras or manual entry of RTSP for easy set up. Control of views and selection via the IR remote control for easy use.

Powered via 12V D/C power converter supplied with multi country connectors or by USB C or PoE as a separate adapter / cable.

A full SDK is available for control of multiple boxes and a web interface for setup and firmware upgrades. Firmware is being updated constantly to give more features and capabilities to the Spotbox4k. Firmware upgrades are free and no decode licenses apply.

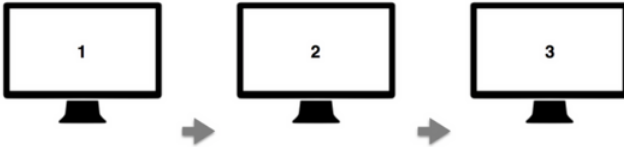
ANT-37500W

PRODUCT TECHNICAL SPECIFICATION



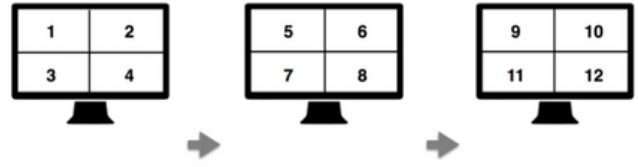
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SpotBox4K : 1 x 1 Display Mode



Display Format : 1 x 1
Cameras on screen: 1
Max Resolution per camera : 3840 x 2160 @ 30fps
Automatic Timed Camera Switching: Yes
Max no of cameras programmable in config menu : 32
Auto Reboot (if power failure) into selected view mode without re-config: Yes

SpotBox4K : 2 x 2 Display Mode

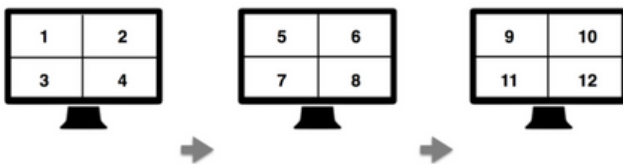


Display Format : 2 x 2
Cameras on screen: 4
Max Resolution per camera : 1920 x 1080 @ 30fps
Automatic Timed Camera Switching: Yes
Max no of cameras programmable in config menu : 32
Auto Reboot (if power failure) into selected view mode without re-config: Yes

1. **Full Screen Mode** - up to 4K resolution. In this mode 1 camera will display in full screen mode, you can then programme up to 32 cameras which will cycle through one after another. Once the cameras have been cycled through the view will return to the beginning.

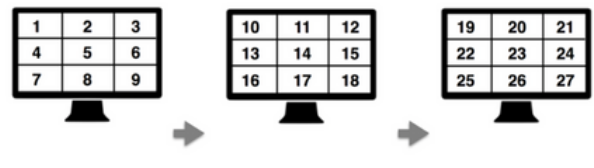
2. **Quad Screen Mode** - display 4 x 1080P60 streams on a 4K monitor. You can programme up to 32 cameras to display and view them in quad mode (4 cameras on screen) - after this it can be programmed to switch to another quad screen of cameras (a different set of 4 cameras on screen).

SpotBox4K : 2 x 2 Display Mode



Display Format : 2 x 2
Cameras on screen: 4
Max Resolution per camera : 1920 x 1080 @ 30fps
Automatic Timed Camera Switching: Yes
Max no of cameras programmable in config menu : 32
Auto Reboot (if power failure) into selected view mode without re-config: Yes

SpotBox4K : 3 x 3 Display Mode



Display Format : 3 x 3
Cameras on screen: 9
Max Resolution per camera : 1280 x 720 @ 30fps
Automatic Timed Camera Switching: Yes
Max no of cameras programmable in config menu : 32
Auto Reboot (if power failure) into selected view mode without re-config: Yes

2. **Quad Screen Mode** - display 4 x 1080P60 streams on a 4K monitor. You can programme up to 32 cameras to display and view them in quad mode (4 cameras on screen) - after this it can be programmed to switch to another quad screen of cameras (a different set of 4 cameras on screen).

3. **9 Camera Display Mode** - Display 9 x cameras on a monitor (resolution scaled to monitor used). You can programme up to 32 cameras to display and view them in 9 camera display mode (3x3) - after this it can be programmed to switch to another view of 9 cameras (a different set of 9 cameras on screen).

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System	Mode	Decoder
	System Standards	ONVIF Discovery, RTSP, HTTP, MPEG-TS
	System Latency	>150mS (system dependant) apx 200-300ms under optimal conditions
Video	Compression	H.264 (MJPEG) or H.265
	Profile	Baseline & High
	Frame Rate	1-30 fps
	Bit Rate	32-10 mbps
	Mode	GOP
	Bit Rate Control	CBR, VBR
	Min Resolution	352 x 240 P30
	Max Resolution	3840 x 2160 P30
	Number of Streams	4x4 (16) @480P, 3x3 (9) @720P, 2x2 (4) @1080P or 1 @3840x2160P30 Single Mode
	Inputs	N/A
	Input Combinations	N/A
	Outputs	1 x HDMI 2.0
	Output Combinations	HDMI 2.0 Output
	On Screen Display	English
Audio	Mode	Via HDMI (embedded audio).
	Compression	N/A
	Sample Rate	N/A
	Bit Rate	N/A
	Streaming	N/A
	Inputs	N/A
	Outputs	Embedded HDMI
Network	Interface	100/1G Ethernet RJ45 or WIFI
	Protocols	IPv4, TCP, UDP, IGMP(Multicast)DHCP,HTTP,RTSP,DNS,NTP
	Security	Password Protection
	Configuration	SDK, WEB
Data	Type	N/A
	Interface	N/A
	Protocol	N/A
	Alarm	N/A
	Sensor	N/A
Event	Sources	N/A
	Actions	N/A
Power	Supply	5v DC / 5v USB C / PoE adapter
	Adapter input volts	AC 110-240v
	Adapter Output Voltage	5v
	Consumption	<10w
Recording	Edge Storage	N/A
Temperature	Operating Range	0 - 50 Degrees Centigrade
Physical	Dimensions	L=94mm D=21mm W=82mm
	Weight	210g
	Housing	Black Metal Aluminium
General	Certifications	CE, FCC, RoHS
	Software	SDK
	Warranty	12 Months
	Remote	IR Remote
	Reset	Web or Pysical Reset
Control & Set Up	Set Up	Web Interface API Document
	Control	IR Remote or Web Interface or API
	Upgrade	Firmware Upgrade via Web Interface
In the Box	Contents	ANT-37500W Unit, 5v Power Supply, USB A - C Lead, PoE Adapter, WIFI Aerial, Remote
	Power Cable/adapter	5v Power Supply with USB Cable