

AI BASED ANALYTICS SERVER

All-in-One, Stand-Alone Analytics Sever

- Hardware solution allow quick deployment of video analytics.
- Open and standard interfaces for rapid integration.
- Optional WVCA Forensic search service
- Stream video directly from any IP camera or VMS via RTSP.
- State-of-the-art Machine Learning and AI algorithms for tracking people, vehicle types and bags.
- Full analytics metadata stream provided to facilitate forensic search or other value-add applications.
- Customisable out-of-the-box HTML5 user interface for analytics configuration; Configure rules and review events using your web browser on any device (via Chrome on Windows, Linux, Mac, Android).
- 3 years warranty
- Contact sales.americas@wavesysglobal.com for more information



The WVCA ETS range is a hardware platform that comes loaded with WVCA server, providing industry-leading deep learning video analytics or event notification. It also supports WAV forensics for advanced post-event appearance searches.

WVCA server has been designed from the ground up to be easy to use and integrate. With video streaming, event alerting and an HTML5 configuration interface out-of-the-box, simple integrations can be completed in less than a week.

ETS supports the WVCA range of AI based analytics to provide accurate detection of people, types of vehicles and objects as well as specific events such as slip and fall, hand held objects, shelf clearance and left bags.

WVCA Forensics provides an intuitive appearance search tool, using snapshots, video clips and metadata from WVCA server with the ability to play recorded footage from VMS platforms.

AI FEATURES



FORENSIC SEARCH FEATURES



OVERVIEW

WVCAserver Industry leading Deep learning video analytic software.

- Channel Support Up to **32 Channels** when using the deep learning object tracker.
- Event Rules Intrusion detection, Tamper detection, Enter & exit filters, Appear & Disappear filters, Stopping filter, Dwell filter, Direction filter, Counting, Abandoned object filter, Removed object filter, Zones & lines, Speed filter, 3D calibration, Tailgating filter, Logical rules.
- Event Actions E-mail, TCP, HTTP

WVCAforensics Providing advanced appearance searches using analytic metadata from WVCAserver

- Channel Support Up to **32 Channels** (WVCAserver deep learning object tracker configuration required).



SYSTEM	ETS-30	ETS-50	PORTS
Channel Capacity	Up to 16 channels	Up to 32 channels	USB <ul style="list-style-type: none"> Front <ul style="list-style-type: none"> • 4 x USB 3.0 ports Rear <ul style="list-style-type: none"> • 1 x USB Type-C® • 2 x USB 3.2 Gen • 3 x USB 3.2 Gen • 2 x USB 2.0 ports Video (GPU) <ul style="list-style-type: none"> • 1 x HDMI • ETS-30 - 2 x Display Ports • ETS-50 - 3 x Display Ports Network <ul style="list-style-type: none"> • 1 x RJ-45
CPU	Intel® Core™ i5-12600KF	Intel® Core™ i9-12900KF	
GPU	Nvidia® RTX 3050	Nvidia® RTX 3070	
System Drive	SSD 250GB SATA	SSD 250GB M.2 NVMe	
Storage Drive	<i>(Required for WVCAforensics database)</i> 4TB 7200rpm	<i>(Required for WVCAforensics database)</i> 8TB 7200rpm	
Services	WVCAserver <i>Optional: WVCAforensics</i>		
Operating System	Ubuntu 20.04 LTS Desktop		
Network	Realtek 2.5Gb Ethernet		

PARTS LIST

ETS-30	Video Analytics Server, supporting up to 16 channels of deep learning object tracker and WVCAforensics
ETS-50	Video Analytics Server, supporting up to 32 channels of deep learning object tracker and WVCAforensics
RAIL-KIT	19" Rack Rail Kits (compatible with ETS-30 and ETS-50)

