

V-ENGINE D1 (4 VIDEO IP CHANNELS)

- Intelligent NVR-DVR system with advanced video analysis directly on board
- Available algorithms: Blob Motion Tracking; Track & trace; Pointer; People Counter, Anti-climb
- Manage up to 4 IP channels, for each video channel analyses real-time images at VGA@8fps resolution, with the same video input flows, reducing the number of analyzed flows the system can even analyze 720p resolutions , 1080p and FULL HD
- Recording up to two H264 streams per channel up to 1TB storage or on external NAS
- Communication protocols for 3rd part anti-intrusion integration , 3rd part anti-fire systems integration and 3rd part access control system integration (*)
- Simple Remote I/O devices management
- Xentinel supervision platform compatibility
- Cloud computing ready
- Integration framework with the Xentinel supervisor
- Web based configuration software
- Operation control panel
- (*) Request the list of certified integrable devices. To integrate new devices, contact the sales office
- Security application library with geometric-mathematical + neural algorithms
- Option traffic application library with deep learning algorithms A.I.D.



DESCRIPTIONS

Multifunctional v-ENGINE is a Vigilate product designed to manage IP cameras with video recording and video analysis functions which, in real time, can trigger alarm events. Thanks to a suite of protocols, v-ENGINE is also able to interface and integrate a series of other systems from the main brands in the sector such as: access control, fire prevention and anti-intrusion. Its functions are all-in-one as follows: - NVR - Neural Video Analytics - Integration of third party systems - Gateway to the supervisor

Performance v-ENGINE allows you to operate video analysis algorithms simultaneously on all connected cameras, ensuring the processing of 8 images per second at VGA or CIF resolution for each camera. v-ENGINE allows on-board recording of all the video streams of the connected cameras at the maximum resolution of the camera up to a max of 8Mpx.

Data security Data and images are stored in an encrypted manner directly in the product as well as being sent to the v-SUITE Xentinel control system. The video streams sent are authenticated.

Configuration and integration It is possible to configure v-ENGINE via a web configurator from any remote location via the on-board web server. It represents on the building where a single manager of all security devices is installed, directly managing the balanced sensors of traditional anti-intrusion systems and existing cameras. Furthermore, it also integrates other security systems such as access control units and fire and smoke detection systems. Towards the v-ENGINE platform it is natively integrated with the v-SUITE VIGILATE Xentinel supervisor, but has the SDKs necessary to integrate with the main market platforms such as Milestone, Genetec, Axxonsoft.



TECHNICAL FEATURES

HW features

Processor	Intel J41 11° Gen 2.0-2.7Ghz 4C/4T
Memory	8 GB RAM DDR4
S.O.	MICROSOFT® WINDOWS Embedded
SSD	120GB M2 NVME per OS, Applicativo e Database
Storage Disk	1TB SATA WD PURPLE per storage video
Ports	N°2 10/100/1000 Ethernet port N°2 USB2 ports front panel
I/O	N°4 Input Contact N.O., N°4 Output Relay

General characteristics

Power supply	Compact 230VAC/12VDC 30W with connector mini-din included
Dimensions	110(A) x 230(L) x 195(P) mm
Weight	Approx. 5 Kg
Operating temperature	-10°C : 50°C
Humidity	80% Relative humidity non condensing
Protection	IP54

General characteristics

Power consumption	60W
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OPTIONALS

- Mechanical rack mounting
- Hot backup machine
- I/O Ethernet external module

