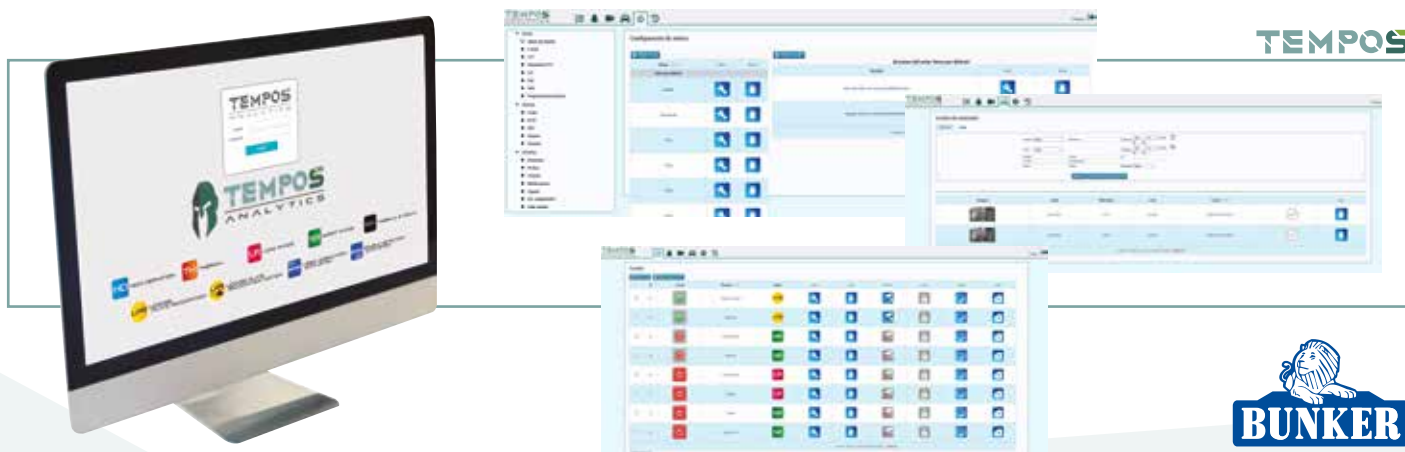# VidA Series

Intelligent Video Analysis

Key features

- **Sabotage, displacement or loss of signal detection and its recovery.**
- Ability to create **an unlimited number of zones and rules,** highly configurable individually.
- Real-time analysis available in **different formats and resolutions.**
- **Advanced configuration of automatic actions** when an event occurs.
- **Pre and post event video sequence** recording.
- **Security and reliability of the operating system** based on 64-bit Linux Kernel.
- **Compatibility** with most camera brands on the market and ARC alarm management software.
- Very **intuitive configuration,** without the need of using ActiveX or desktop applications.

Licences	SR TSR Short distances	LR TLR Long distances	TH TTH Thermal cameras	DUAL TDUAL Dual cameras	HD THD High definition
Max distance*, 1,8m person	90m	146m	526m (Lens 60mm)	74m (Lens 10mm)	212m
Max distance*, 1,5m person	58m	109m	278m (Lens 35mm)	*	151m
Max distance*, 0,45m (crawling)	44m	71m	94m (Lens 35mm)	*	91m
Analysis resolution, px	CIF (352x288)	4CIF (704x756)	Hasta 640x512	160x120	720p (720x1280)
Image spectrum	Visible	Visible	Thermal	Visible Thermal	Visible
Max channels**	PRO, IND: 16 SRV: 28	PRO, IND: 10 SRV: 24	PRO, IND: 10 SRV: 24	PRO, IND: 10 SRV: 24	SRV: 8

* Maximum theoretical distances measured with a camera placed at a distance of 3,2m from the ground and a person passing through the farthest area for 3 seconds. The distances would vary depending on the camera used, the optics and the sensor of the camera.
** For a specific configuration, please consult your Tempos Analytics distributor.

Sensor integration and video verification

Licences:
· **T2V** - the initial detection is performed by a sensor and it automatically activates the analysis to verify via video the event that has generated the alarm or activation of the sensor.
· **T2D** - apart from performing verification via video of the events that have activated the detection of the OPTEX sensor, it also realizes detections by analytics that execute independent actions. The result is a redundant system that is even more reliable than the T2V.

	2V OPTEX	OPTEX 2D
Licence type	**2V – OPTEX sensor video verification**	**2D – OPTEX sensor video verification and double detection**
Event trigger	OPTEX sensor	Video analysis detection or/and OPTEX sensor
Notification to ARC	Along with a video clip with metadata and recordings pre and post event.	

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TEMPOS ANALYTICS

Hardware

PRO
Family
Mini PC compact format

IND
Family
Compact industrial hardware format

SRV
Family
Server format hardware (rackmountable, 1U)

NOTE: All of our devices are supplied with 2 licences of the chosen type for VidA Series and 1 licence for LPR Series.

Minimum technical specifications of the hardware*

	PRO Family	IND Family	SRV Family
Processor	Intel		
Hard disk	High performance SATA / SSD		
Power supply and consumption	Input: 100-240V AC / 50-60Hz Output: 19V at 3,43 A Max 65W at full load	DC 12V/5A	Input: 100-230V AC / 50-60Hz Max 300W at full load
Network	RJ-45 10/100/1000 Mbps and WiFi 802.11ac of 2,4 GHz or 5 GHz.		2 RJ-45 network sockets 10/100/1000 Mbps
Operating conditions	From 0°C to 40°C	From 0°C to 70°C	From 10°C to 35°C
Environmental certifications	RoHS (2011/65/EU), WEEE (2012/19/EU) and China RoHS	EU Council Directive 2014/30/EU RoHS directive - 2011/65/EU	EU Council Directive 2014/30/EU European Standard EN55022, Class A
Weight	1,6kg	1,5kg	8kg
More	Includes VESA mounting kit	Works well in dusty environments and high ambient temperatures	Sound card (sold separately)

*The devices and their technical characteristics may vary depending on the technological modifications and improvements made by the hardware manufacturers.

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TEMPOS ANALYTICS

Extension licences

Reference	Description
TSR-LIC	Extension licence for 1 visible SR channel (short distance).
TLR-LIC	Extension licence for 1 visible LR channel (long distance).
TTH-LIC	Extension licence for 1 channel for long distance and thermal analysis.
TDUAL-LIC	Extension licence for 1 dual channel (thermal analysis with visual evidence channel).
THD-LIC	Extension licence for 1 HD channel (high definition, long distance).
T2V-LIC	Extension licence for 1 OPTEX sensor video verification channel.
T2D-LIC	Extension licence for 1 channel of video verification and double detection through OPTEX sensors.

Additional modules

Reference	Description
T-SOUND-CARD	Sound card for Server format hardware (rackmountable).
T-IP6-EXT(I/O)	IP module with 6 relay inputs and 6 relay outputs.
T-IP11-EXT(O)	IP module with 11 relay outputs.
T-USB6-EXT(I/O)	USB module with 6 relay inputs and 6 relay outputs