![DAVANTIS - Smarter thinking in video analytics]

DAVIEW S VIDEO ANALYTICS

The solution for perimeter security

POWERFUL VIDEO ANALYTICS SYSTEM

CLICK THRU™ SIMPLICITY
3 MOUSE CLICKS ALARM MANAGEMENT

1. Snapshot
One click to see a snapshot highlighted by a square surrounding the cause of an alarm trigger.

2. Video Clip
One click to watch a 10 second video clip to check on possible movement at the trigger point.

3. Live Camera
One click to watch the live camera that has been triggered so alarms can be assessed in real time and reacted to in a matter of just a few seconds.

Advanced features

THE BEST FEATURES

- Detection of **persons and vehicles** in outdoors environments, discriminating other movement.
- Compatible with **analogue or IP** cameras.
- Integration with the intruder alarm. Automatic arming and disarming.
- **Automatic sending** of the alarm to an ARC or control room.

OTHER FEATURES

- Easy installation and setup with **SmartWalk** technology.
- **Remote maintenance** to guarantee at all times.
- All the internal parameters of the video analytics have been adjusted for a **superior performance**.

DETECTION FEATURES

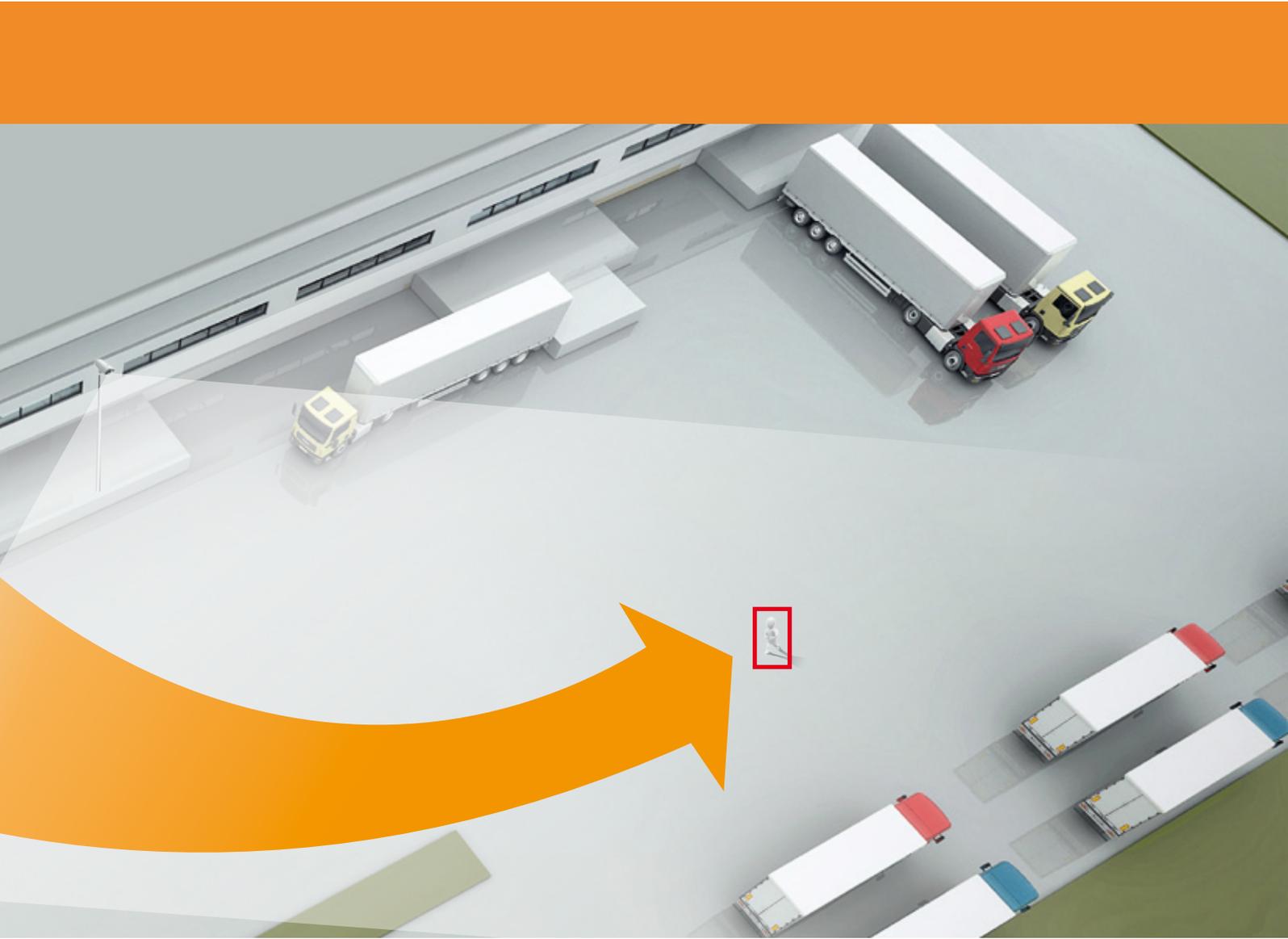| INTRUSION DETECTION	LOITERING DETECTION	TAMPERING DETECTION	EXIT ANTI-FLOW	VIRTUAL ONVIF CAMERA

Up to 60 meters detection range for visible cameras, with a lense with a focal distance of at least 12mm and Wide Dynamic Range support (WDR).

RANGE TABLE FOR THERMAL CAMERAS

60m RANGE DETECTION

236m RANGE DETECTION

f [mm]	Pixel pitch [µm]	Sensor [px]	HFOV [o]**	Blind distance [m]	Distance [m]
7	17	384 x 288	50°	4	45
7	17	336 x 256	44°	5	45
8,5	25	384 x 288	59°	4	50
9	25	320 x 240	48°	5	50
9	25	384 x 288	56°	4	50
13	25	320 x 240	34°	8	90
13	17	320 x 240	24°	10	95
13	17	384 x 288	28°	8	100
13	17	336 x 256	25°	10	100
14	25	384 x 288	38°	7	100
18	25	384 x 288	30°	10	125
19	25	320 x 240	24°	12	130
19	25	384 x 288	28°	10	130
19	17	320 x 240	16°	15	140
19	17	336 x 256	17°	14	140
25	25	384 x 288	22°	13	165
35	25	320 x 240	13°	23	215
35	25	384 x 288	16°	20	215
35	17	320 x 240	9°	28	235
35	17	384 x 288	11°	23	235
37	25	384 x 288	15°	20	230
35	17	336 x 256	9°	27	235

* Camera placed at a height of 4m from the ground. Maximum range obtained for 1.8m height of a person located at the top of the image.
The distance will reduce significantly in adverse weather conditions. 2º temperature difference required. ** HFOV indicates Horizontal Field Of View.

TECHNICAL DATA SHEET

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General characteristics

Video analytics	Detection of people, vehicles, loitering, tampering
Channels supported (Hybrid video analytics server)	DV02S for 2 channel DV08S for 8 channel DV03S for 3 channel DV09S for 9 channel DV04S for 4 channel DV10S for 10 channel DV05S for 5 channel DV11S for 11 channel DV06S for 6 channel DV12S for 12 channel DV07S for 7 channel
Security rules per camera	Unlimited
Management software	Pre-installed monitoring application

Video

Video card A / D converter	PCIe card
Video recording format	WMV, MP4, AVI and JPEG, CIF, 9 fps/ch, pre and post alarm
Video display	Up to 16 cameras displayed simultaneously MPEG4, CIF, 9 fps/ch, color
Compatible cameras	Analogue (PAL / NTSC) IP: ONVIF, RSTP Protocol, ACTi, AMG, Arecont, Avermedia, Avigilon, Axis, Bosch, Canon, Dahua, D-Link, DRS, Eneo, Flir, Geovision, Grundig, Hikvision, Honeywell, Idis, IndigoVision, Infinova, Interlogix, Ionodes, JVC, LG, Lilin, Mobotix, Opgal, Panasonic, Pelco, Pixord, Samsung, Sony, Telefunken, Toshiba, Vivotek, Xenics. ** Please check detailed information for special models such as multi-lens cameras, panoramic cameras, etc.* *** New brands and new camera models supported on-demand.*

Conexiones

USB	6 x USB 2.0 connectors and 2 x USB 3.0 connectors
Monitor	2 x VGA connections (1 front and 1 back) and 1 x HDMI connectors back
Camera connections	BNC and RJ45 connectors
Input activation signal	8/16 x inputs N/O or N/C (dry contact) per site
Network connection	RJ45 (Ethernet 10/100/1000 Mbps)
Communication protocols	TCP/IP, SMTP
Input and output ports	Input: 900, 5500, 21000 (customizable) Output: 9034, 465 (customizable)
Data protection	Digital signature
Audio connector	1 x output: stereo line out, 3.5mm Jack connector

Technical specifications

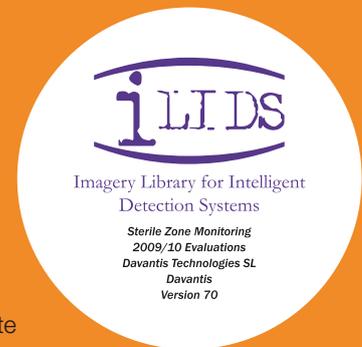|	
Processor	INTEL
Memory (RAM)	2.00 / 4.00 / 8.00 / 16.00 GB
Hard drive	High performance SATA / SSD (Solid State Drive)
Power supply	350W. 100 - 240 V AC / 60 - 50 Hz ± 10 %
Power consumption	Approx. 130 W at full load
Power cord and plug	1.5m cable with IEC connector
Environmental class	II (Indoor - General)
Storage temperature	-10°C to + 60°C with a relative humidity of 5% to 90% without condensation
Working temperature	-10°C to + 35°C at a relative humidity of 10% to 90% without condensation
Housing	Black rugged metal housing
Device dimensions in mm	482 x 90 x 300 (W x H x D) (19" x 2U for rack-mount)
Package dimensions in mm	560 x 170 x 590 (W x H x D)
Weight	6 kg

Optional

Relay outputs	REL4I, REL8I internal relay outputs N/C. 5amps @12V DC REL12I, REL16I internal relay output N/C. 5amps @12V DC
Supervision kit	19" monitor (VGA), keyboard and mouse (USB)
CMS-Application	Alarm-Management-Software for CMS or control room with ClickThru™ simplicity

1	2 x USB 2.0 connections
2	1 x VGA connection
3	1 x On/Off switch
4	8 /12 x BNC connections
5	1 x HDMI connection
6	4 x USB 2.0 connections
7	2 x USB 3.0 connections
8	1 x RJ45 Internet connection
9	1 x audio Jack 3.5 input/output port
10	8 x inputs N/O or N/C
11	8 x inputs N/O or N/C (optional)
12	1 x VGA connection
13	4/8/12/16 x internal relay outputs N/C (optional)
14	1 x slot for power cable
15	1 x On/Off switch for power supply

- **Easy and fast set-up**. It takes less than 5 minutes to configure each camera using our patented SmartWalk technology, which automatically computes the viewing scene model by simply walking in front of the camera.

- **Best detection with few false alarms**. Our product is certified by the United Kingdom Home Office as "i-LIDS approved primary detection system for operational alert use in sterile zone monitoring applications".

- **Great simplicity for CMS (Central Monitoring Station** . At the heart of every Davantis system sits our ClickThru ™ technology, a uniquely clever and simple 3 mouse clicks alarm management system embedded within the monitoring station.

- **Excellent service and support**. Our multi-language help desk provides immediate technical support for problems and questions. We can also help to configure a system remotely when needed.

i LIDS

Imagery Library for Intelligent
Detection Systems

*Sterile Zone Monitoring
2009/10 Evaluations
Davantis Technologies SL
Davantis
Version 70*

Davantis Daview S is a powerful video analytics system, characterized by a quick and simple installation and easy startup.

The system is designed to be integrated into existing CCTV video surveillance and is ideal for detecting and classifying persons and vehicles that pose a threat to security areas.

The handling of the software is very simple and intuitive. The latest Intel microprocessors provide a strong foundation for smooth operation and communication to central monitoring stations and remote maintenance.

Ilids is a UK Home office certification confirming that the Video Analytics system provides real time video analytics and event detection and has been tested under rigorous and realistic conditions.

The high performance of this video analytics system is particularly suitable for demanding customers seeking an effective solution. It is one of the most powerful perimeter protection systems on the market.

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