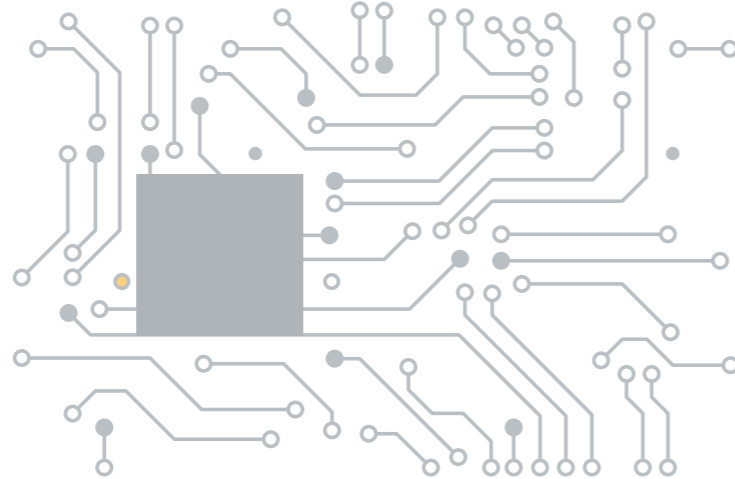


# DAVIEW STANDALONE SOFTWARE DATASHEET



Our systems need a **powerful CPU** and a **fast memory**.

The minimum memory requirement is 2133 MT/s and we always use two memory banks to speed up access.

We use **PassMarks®** - a reliable benchmark for checking the processing power of most CPUs on the market - when deciding which CPU to use ([www.cpubenchmark.net](http://www.cpubenchmark.net)).

#### Compatible with:

- Windows Embedded 8 64 bits
- Windows 8.1 Pro 64 bits
- Windows 10 Enterprise 2016 LTSC 64 bits
- Windows 10 Pro 64 bits
- Windows 10 Enterprise 64 bits
- Windows Server 2012 64 bits
- Windows Server 2016 64 bits



**BARCELONA · SPAIN**  
+34 935 868 990

**MADRID · SPAIN**  
+34 918 294 186

**SANTIAGO DE CHILE · CHILE**  
+56 995 355 255

**BOGOTA · COLOMBIA**  
+57 3015389151

**SINGAPORE**  
+65 9877 3532

info@davantis.com  
www.davantis.com



DAVIEW S

DAVIEW LR

Intruder	●	●
Vehicles	●	●
Entry / exit	●	●
Tampering	●	●
Loitering	●	●
Appearance / disappearance	●	●
Virtual Onvif	●	●
Combination of rules	●	●
Integration with VMS, CMS and PSIM	●	●
<b>HR</b> High resolution analysis		●
Smart PTZ		●
Virtual IR for thermal cameras		●
Stabiliser for adverse conditions		●
Anti-dead zone corridor view		●
Distance thermal camera	235 m	505 m
Distance day/night camera	67 m	120 m

## SYSTEM REQUIREMENTS

Processing and Memory Requirements of the Daview Licence

### DAVIEW S



According to these numbers, to operate **10 Daview S and 5 Daview LR the system** needs a CPU with at least **10 x 750 + 5 x 1.500 = 15.000 PassMarks®** is required (for example, an intel core i7 - 8700 @ 3.20GHz) and **10 x 1 Gb + 5 x 2Gb = 20 Gb of memories** (rounded up to 32 Gb).

### DAVIEW LR



In case of too many licences, more than one server is required. This is not a problem, since the system allows equipment stacking to **create a single virtual analysis server** (except for the Daview Mini system).

In the above example, we would use 2 servers with a CPU of **7,500 PassMarks®** and **10 Gb** of memory in each.

# DAVIEW S

## POWERFUL VIDEO ANALYTICS SYSTEM

Range table for thermal cameras

f (mm)	Pixel pitch (µm)	Sensor (px)	HFOV (o)	Blind distance (m)	Distance (m)
9	25	320x240	48°	5	50
9	25	384x288	56°	4	50
13	25	320x240	34°	8	90
13	17	320x240	24°	10	95
13	17	384x288	28°	8	100
13	17	336x256	25°	10	100
14	25	384x288	38°	7	100
18	25	384x288	30°	10	125
19	25	320x240	24°	12	130
19	25	384x288	28°	10	130
19	17	320x240	16°	15	140
19	17	336x256	17°	14	140
25	25	384x288	22°	13	165
35	25	320x240	13°	23	215
35	25	384x288	16°	20	215
35	17	320x240	9°	28	235
35	17	384x288	11°	23	235
37	25	384x288	15°	20	230
35	17	336x256	9°	27	235

Range table for day/night cameras

	f (mm)	Height (m)	Sensor	HFOV (o)	Blind distance (m)	Distance (m)
Standard view	3	4	(1/3)"	77°	2	32
	8	4	(1/3)"	33°	8	67



COMBO



# DAVIEW LR

## PROTECTION FOR LARGE PERIMETERS

Range table for thermal cameras

f (mm)	Pixel pitch (µm)	Sensor (px)	HFOV (o)	Blind distance (m)	Distance (m)
19	25	320x240	24°	12	180
19	25	384x288	28°	10	180
19	17	320x240	16°	15	195
19	17	336x256	17°	14	195
25	25	384x288	22°	13	225
35	25	320x240	13°	23	300
35	25	384x288	16°	20	305
35	17	320x240	9°	28	330
35	17	384x288	11°	23	330
35	17	336x256	9°	27	330
37	25	384x288	15°	20	315
50	25	320x240	9°	31	405
50	25	384x288	11°	25	405
50	17	320x240	6°	37	440
65	25	320x240	7°	41	490
60	17	384x288	6°	37	505

Range table for day/night cameras

	f (mm)	Height (m)	Sensor	HFOV (o)	Blind distance (m)	Distance (m)
Standard view	15	4	(1/3)"	18°	16	120
Corridor view	15	4	(1/3)"	14°	12	120

Camera installed 4 metres from the ground. The maximum range obtained is a 1.8-metre person at the top of the image, of a 1.8-metre person standing at the top of the image. Distances are shorter in adverse weather conditions. The thermal difference required is 2°C. The minimum observation of the person is 2 seconds, recommended 5 seconds. HFOV means horizontal field of view.