



DST CONTROL

SAITIS

THERMAL IMAGER



Small size and lightweight

Low power requirements

Multiple choice of interfaces

Maximum exportability





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Technical Specifications

Overview

Display formats, analog output	PAL, NTSC
Pixel Pitch	17µm
Resolution	640 x 480
Spectral Band	8-14 µm
Frame Rates	25/30 Hz
Power Dissipation	1 W
Sensitivity (NETD)	< 50 mK

Physical Attributes

Size (w/o lens)	27x27x26mm
Weight (w/o lens)	22g
Precision Mounting Holes	M2

Interfaces and controls

Serial control	CMOS
Digital video	LVDS
Analog video	CVBS

Environmental

Operating Temperature Range	-40 - +60
Non-operating Temperature Range	-40 - +80

Lens Specifications

F [mm]	f/#	HFoV [deg]	VFoV [deg]	IFoV [mrad]
19	1.2	33	25	0.900
35	1.2	18	13	0.491
60	1.3	10	8	0.273
100	1.5	6.2	4.7	0.169
25-145	1.4	25 - 4.3	19 - 3.2	0.682 - 0.117

Custom optics to any specification

