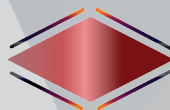


Plug & Sense

Play the heat



Your EU-based supplier
for thermal camera cores



Device-ALab

LWIR camera module range

SmartIR

IrLugX™

Models

80 160 384 640 1M0 1M3 640 320

Pixel size	34 µm	17 µm				12 µm		
Resolution (pixels)	80 x 80	160 x 120	384 x 288	640 x 480	1024 x 768	1280 x 1024	640 x 480	320 x 240
NETD at F/1.0 ; 300 mK ; 30 Hz	< 100 mK	< 60 mK	< 50 mK			< 60 mK		
Frame rate *	up to 50 Hz	up to 60 Hz		up to 120 Hz		up to 60 Hz		
Configuration	open casing / encased			with / without shutter		with / without lens		
Lenses	from 1.5 to 100 mm Focal Distance - from 4° to 180° HFOV							
Interface for Modules	USB 2.0			USB 3.0			USB 2.0	
For Engine Cores	BT 656 / RAW 16 / YCbCr / PAL/NTSC / SDI / CameraLink							
Emb. functions	shutterless / overlay / progressive zoom							

* Subject to EU Export Regulations. SmartIR and IrLugX™ are categorized as a dual use goods under the Wassenaar Arrangement.

Documentation available from <http://www.device-alab.com/product-documentation/>

Key differentiators

SWaP enabler

Simple operation (shutterless)

High image quality (low noise electronics)

**European
supplier**



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