



ERGLON
G R O U P
European Thermal Imaging Solutions

TruVision Thermal Imaging

PORTFOLIO

**ITAR-FREE
LWIR SOLUTIONS**
Available exclusively
through MaxxVision



EUROPEAN MANUFACTURING



NDA COMPLIANT



BUILT-IN AI & STORAGE

European Thermal Imaging Solutions for OEMs & System Integrators

High-performance, ITAR-free thermal imaging cores engineered for seamless integration into your systems.



ITAR-FREE

Export friendly
worldwide



EUROPEAN
MANUFACTURING

Quality you
can rely on



NDA
COMPLIANT

Ready for
your projects

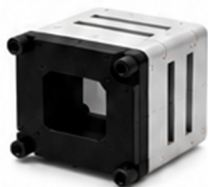


AI-READY
SOLUTIONS

Advanced imaging
& integration

THERMAL IMAGING CORES LINE-UP

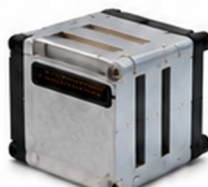
TRUVISION 320 LWIR THERMAL CORE



Resolution	320 × 240
NETD	< 25 mK
Digital Zoom	1x, 2x, 4x
Key Features	Standard
Weight	≈ 12 g

Compact and lightweight core for entry-level thermal applications.

TRUVISION 640 LWIR THERMAL CORE



Resolution	640 × 480
NETD	< 25 mK
Digital Zoom	1x, 2x, 4x, 8x
Key Features	Standard
Weight	≈ 12 g

Reliable OEM core delivering high-quality thermal imaging for a wide range of systems.

TRUVISION 640 PRO LWIR THERMAL CORE KIT



Resolution	640 × 480
NETD	< 20 mK
Digital Zoom	1x, 2x, 4x, 8x
Key Features	AI / ISP / SDK
Weight	≈ 12 g

Advanced core with AI, ISP and SDK for intelligent and customized integration.

TRUVISION DUAL 3840:640



Sensors	VIS/NIR & LWIR
Resolution	3840 × 2160 & 640 × 480
NETD	< 20 mK
Digital Zoom	1x, 2x, 4x, 8x
Key Features	AI / ISP
Weight	≈ 52 g

Dual sensor fusion combining 8MP NIR and LWIR for superior situational awareness.

TRUVISION 1280 PRO MAX



Resolution	1280 × 1024
NETD	< 20 mK
Digital Zoom	1x – 16x
Key Features	AI / ISP / SDK
Weight	≈ 34 g

High-resolution core for long-range detection and maximum detail.

*All models support fast 60 Hz imaging, multiple color palettes, onboard recording and image capture, and wide integration options.

KEY ADVANTAGES

- ITAR-FREE SOLUTIONS**
Export friendly for global business.
- EUROPEAN QUALITY**
Designed and manufactured in Europe.
- BUILT-IN AI & STORAGE**
32 GB onboard storage for 4–6 hours of continuous recording.
- SEAMLESS INTEGRATION**
Multiple interfaces: USB Type-C, analog, UART, I2C, SDIO.
- RUGGED & RELIABLE**
MIL-style design, waterproof & shockproof.
- LONG-TERM AVAILABILITY**
Designed for long product life cycles and support.

IDEAL FOR



UAVs / Drones



Surveillance
& Security



Robotics



Industrial
Inspection



Perimeter
Monitoring



Search &
Rescue

Design Your Thermal Core...

configure your custom TruVision thermal camera here.



Equipment described herein is subject to dual-use export regulations and may require a license prior to export.

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