WORKSWELL®
INFRARED CAMERAS AND SYSTEMS

Prague-based innovative developer and manufacturer specialising in advanced thermal imaging technology with full in-house development, with high-end expertise in the field of designing and developing the products.





Adam Svestka, MSc., MBA
Co-founder & Workswell CEO

WORKSWELL
INFRARED CAMERAS AND SYSTEMS

Wide range of thermal imaging products by Workswell

























UAV/UGV Applications

Solar panels inspection

Flat roofs and buildings inspection

Electric power lines inspections

Pipeline inspection

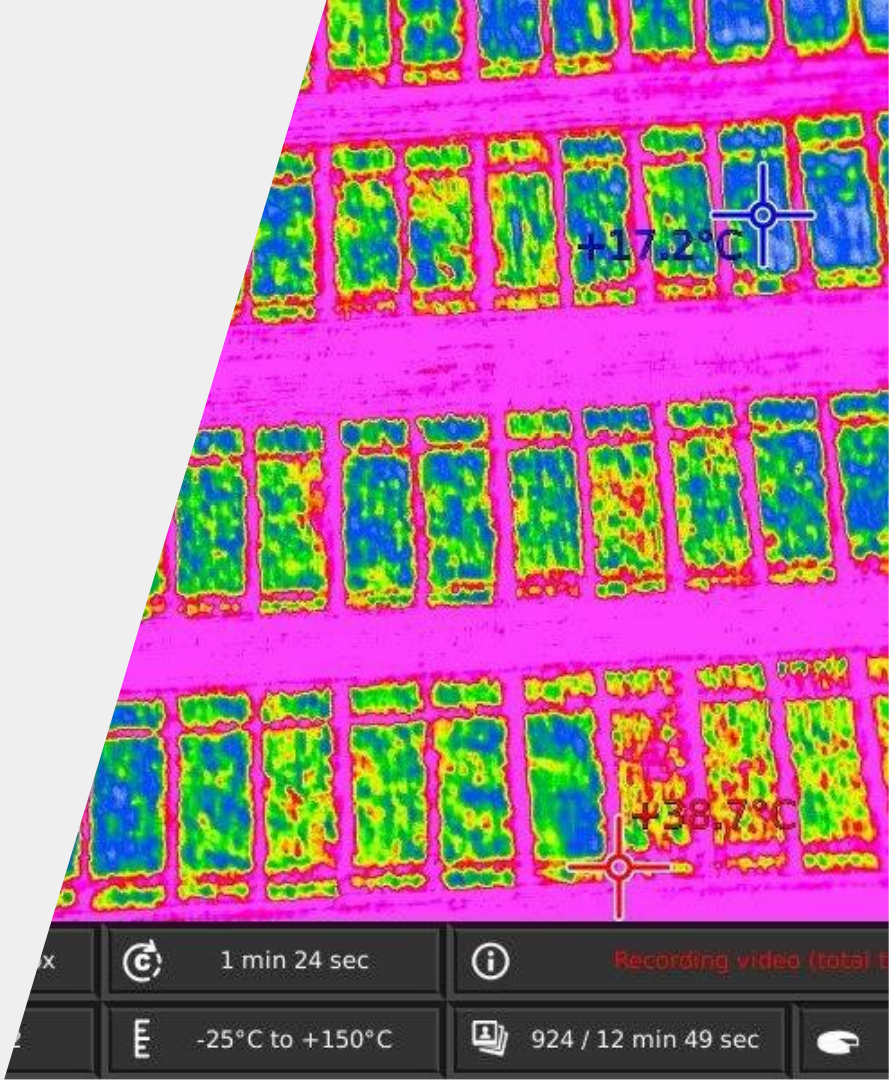
Wildfire monitoring

Fire detection & fire fighting

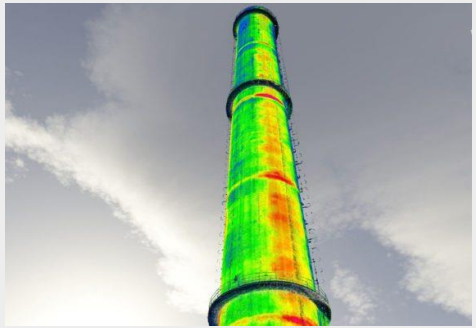
Gas detection

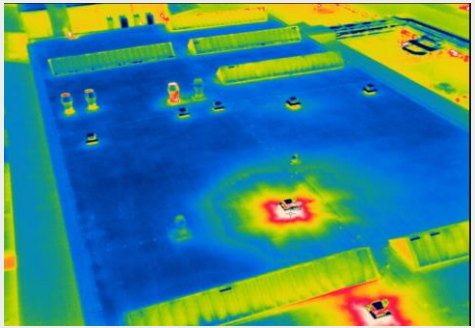
Research & development

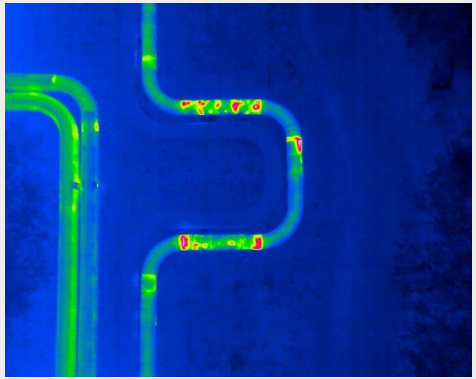
Agricultural – Crop Water Stress Index evaluation

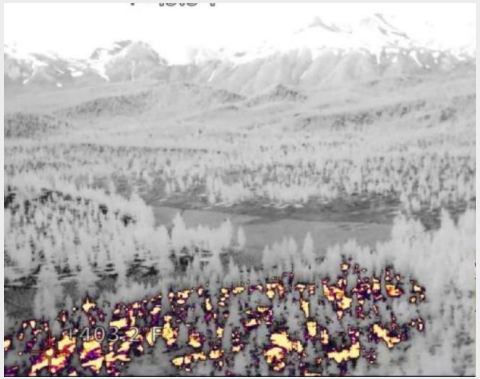


Any kind of UAV/UGV Application









WIRIS onboard operating system



Advanced UAV/UGV payloads – important facts









Thermal camera sensor resolution 640 x 512 px

Up to 1266 x 1010 px in Super Resolution mode

WIRIS OS – onboard advanced operating system

High temperature range up to 1500°C (2 732 °F)

< 20mK sensitivity

Precise ±2 % or ±2 °C laboratory calibration including certificate

30x optical RGB zoom

Range finder with detection range up to 1 500m (0.93 miles)

IP66 protection

New WEOM thermal imaging module

ITAR – FREE OEM thermal module (made in Prague)

Thermal module resolution 640 x 480 px (VGA) – first generation

< 30mK sensitivity

60 Hz or 30 Hz frame rate (9 Hz version available)

CMOS standard interface

Different plugins available (HDMI, Analog FPV, USB3, GigE)

IP67 front lens IP protection

Only 65 grams weight without the lens

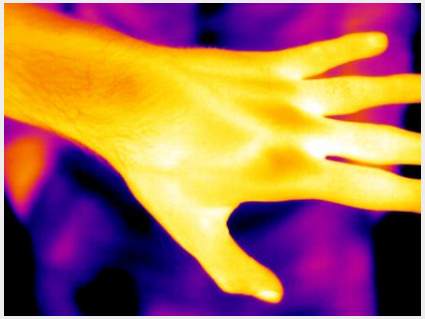
Small dimensions

Swappable lenses (M25 or M34 lens holder)



LATEST NEWS





WORKSWELL®
INFRARED CAMERAS AND SYSTEMS

Family of WEOM thermal imaging modules





CMOS HDMI USB 3.0 CVBS GigE 2x JST

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