

ThermalCapture X 640

Next generation **lightweight** drone thermal cameras.



TOP Features



Framerate

25Hz



Output

HDMI & AV
video output



Super light

65g
only



Interfaces

2x PWM



Compatible

Made for most
small drones

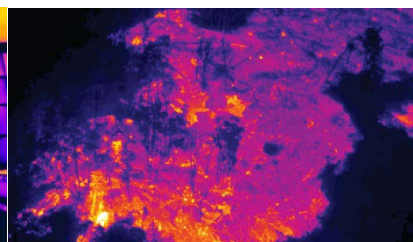
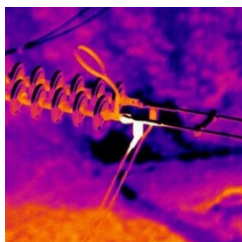


Controllable

Color Palettes,
FFC

Introduction

ThermalCapture X 640 is part of the brand-new, next-generation light-weight drone thermal camera family. It brings thermal vision capability on almost any small drone at a minimal SWaP-C. Mission ready and best used with First Responders, Wildlife-Monitoring, Safety or other applications.



Specifications



Dimensions:
28x50x30mm
1.1x1.97x1.18in

Weight:
65 gram 0.14 lb

Data output:
HDMI 720p / 60Hz
Analog Video (AV)

Interfaces:
2x PWM

Housing:
Polyamid

Power:
5V via Micro USB
6 - 24V DC via JST

Thermal sensor:
Uncooled Vox sensor (8-14µm)
640x512px (Pixel Pitch 12µm)

Thermal sensitivity:
<= 0.06K

Thermal lens options:
Standard: 13mm
Optional: tbd.