

THERMAL MODULE	
IMAGE SENSOR	V0x Uncooled Focal Plane Arrays
RESOLUTION	640 × 512
FRAME RATE	50 Hz
PIXEL INTERVAL	12 μm
RESPONSE WAVEBAND	8 μm to 14 μm
NETD	Less than 20 mK (@25°C), F# = 1.0
FOCAL LENGTH	35 mm
APERTURE	F1.0
MIN. FOCUSING DISTANCE	3.5 m
DIGITAL ZOOM	1× 2× 4× 8×
OPTICAL MAGNIFICATION	1.82
FIELD OF VIEW (H × V), DEGREES/M @100 M	12.54° × 10.05°/22.0 m × 17.6 m
DETECTION RANGE	1800 m
IMAGE DISPLAY	
MONITOR	0.39 inch, OLED, 1024 × 768
PALETTES	Black Hot, White Hot, Red Hot, Fusion
FFC (FLAT FIELD CORRECTION) MODE	Auto, Manual, External Correction
SYSTEM	
STORAGE	Built-in memory module (64 GB)
RECORD VIDEO	Yes
CAPTURE SNAPSHOT	Yes
STANDBY MODE	Yes
HOTSPOT	Yes
HOT TRACK	Yes
POWER SUPPLY	
POWER	5 V, 2.1 W
BATTERY TYPE	Replaceable and Rechargeable Li-ion Battery
BATTERY OPERATING TIME	5 hours continuous running with CVBS and hotspot function off (@25°C)
GENERAL	
WORK TEMPERATURE/HUMIDITY	From -30°C to 55°C (-22°F to 131°F); Humidity: 90% or Less
PROTECTION LEVEL	IP67
DIMENSION	187.7 mm × 58.3 mm × 65.2 mm (7.39" × 2.29" × 2.57")
WEIGHT	505 g (1.11 lb)