

Kiber 3 ATEX Kit | ATEX Handcam

The additional point of view with thermal imaging capacity



A-KT-K3



Kiber 3 ATEX Kit comprises a wireless handcam for additional points of view on field operator's working space. Kiber ATEX Handcam works side by side with the head unit and enables field operator to reach difficult spots and offer an additional point of view to the remote expert.

- Additional wireless camera with optical and thermal imaging useful to show details which are difficult or hazardous to get close to with head mounted camera.
- 5Mp HD Camera with narrow FOV and close-up focus to show surface details.
- Built-in flash light to see in dark spots.
- Built-in thermal sensor can be overlapped on top of standard image capture.
- High-resolution still image capture and transmission to annotate details.
- On-board processor for optimised for low bandwidth (data compression) transmission.
- Hardware support and upgrades centrally managed.
- Comes with a practical magnetic leash.
- Long lasting energy management unit for up to 8 hours of continuous usage.
- ATEX Zone 1, CE, FCC, EAC compliant.

ITEMS INCLUDED:KH3.0-CL | [Belt clip](#): Magnetic belt clip for handcamKH3.0-HC-A | [ATEX Handcam](#): Handheld camera with thermal imaging capacity - (II 2G Ex ib op is IIC T3 Gb)**TECHNICAL SPECIFICATIONS**

COMMUNICATIONS SPECS	
WiFi	2.4GHz IEEE 802.11 b/g/n
Communication Protocols	TLS/SSL, HTTPS, WSS
Encryption and Security Algorithm	WEP, WPA2, WPA2 Enterprise
Bluetooth	4.2 with BLE

HANDCAM - CAMERA SPECS	
Max Streaming Resolution	1080p (can also stream 720p, VGA, QVGA)
Max Still Resolution	2592 x 1944
S/N ratio, Dynamic range	36 dB, 67dB @ 8x gain
Sensitivity	680 mv/lux-sec
Head unit camera focus range	3 cm up to 10 cm
Battery life	8 hours

HANDCAM - THERMAL SENSOR SPECS	
Resolution	80 x 60 pixels
Frame Rate	8.6 fps
FOV - diagonal	51° (H) - 63.5° (D)
Thermal Sensitivity	< 0.050 °C
Thermal range	-10° C to 450° C
Radiometric accuracy	± 5° C or 5% (typical) from -10° C to 140° C (high gain mode) ± 10° C or 10% (Typical) from 140° C to 450° C (low gain mode)

GENERAL INFORMATION	
Power Consumption	2.5W
Rated Ambient Temperature Range	-20° C +40° C
Storage Range	-20° C +40° C
IP Rating	IP65
Dimensions (H x W x D) [mm]	35 x 137 x 85
Total weight (w/o accessories)	Approx. 200g
Battery lifetime	6 to 8 hours