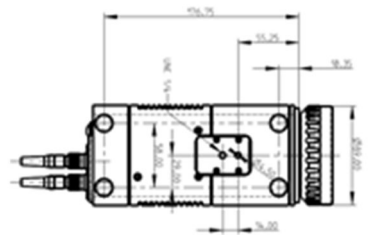
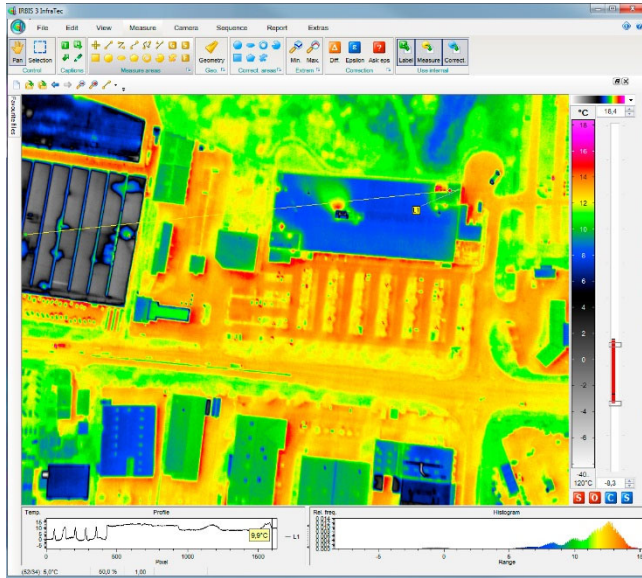


VarioCAM® HD head

Gimbal System for Helicopter Mount



Technical specifications

Thermographic Camera

Spectral range
Detector
Detector format (IR pixels)
Measurement accuracy
Temperature resolution @ 30 °C
Frame rate
Dynamic range
Lens (field of view)
Temperature measuring range

VarioCAM® HD head

(7.5 ... 14) µm
Uncooled Microbolometer Focal Plane Array
(1,024 x 768)
± 1.5 K or ± 1.5 %
Better than 0.05 K
30 Hz (Fullframe)
16 Bit
1.0/30 mm (32 x 25)° standard lens; 0.57 mrad
1.0/60 mm (16 x 12)° tele lens; 0.28 mrad
1.0/120 mm (8 x 6)° tele lens; 0.14 mrad
(- 40 ... 1,200) °C

TV Color Camera

Image sensor
Effective pixels
Lens
Digital zoom

SONY High Definition Color Block Camera

1/3" wide dynamic HD CMOS sensor
Approx. 2 Megapixels
20x optical zoom; HFOV: (55 ... 2.9)° at 1080p/30
12x

Gimbal System

Dimensions
Gimbal stabilisation
Flight standard
Gimbal mount

SWE 400 Triple

400 mm diameter
Better than 25 µrad
RTCA 160D
Tyler nose mount