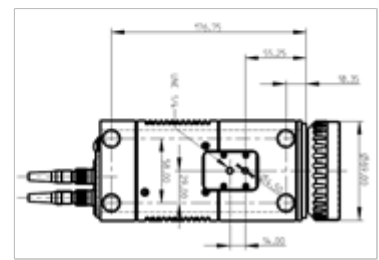
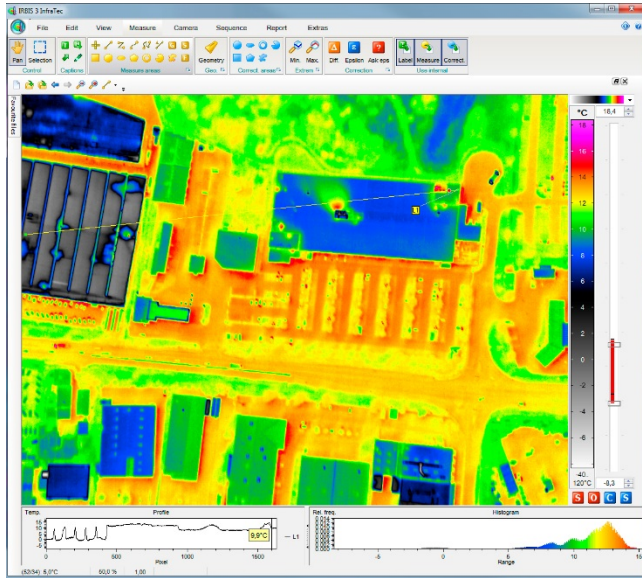


## VarioCAM® HD head

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