

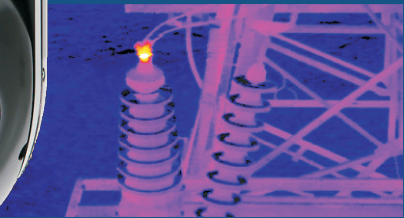
# HELIVISION 400 Triple

**NEW**

HD TV Camera  
with 10x optical zoom



UV- / Corona Camera  
with bi-spectral sensor



Calibrated IR-Camera  
with 640 x 480 pixel

## **Flexibility and Efficiency**

The unique HELIVISION 400 Triple System combines the benefits of three sensors into one gyro-stabilised platform.

The thermal imaging camera detects hot spots, the ultra-violet camera sees partial discharges, and the high definition video camera documents everything with an outstanding quality.

These options make the system the best choice for power line inspections, wild-life survey and countless other applications.

## Technical Data

Gimbal System	
Stabilization	4 Axis, < 50 micro Rad
Dimensions	Diameter approx. 400mm
Weight	approx. 25 kg
Power Requirements	20-30 VDC, 10 A
IR Camera	
Type	FLIR SC 660
Sensor	uncooled FPA (Focal Plane Array)
Resolution	640 x 480 Pixel
Thermal Sensivity	< 45 mK
Spectral Range	7.5 - 13 $\mu$ m
Lens	12°
Frequency	30 Hz
Temperature Range	-40°C bis + 2.100°C
Output	Composite Video + 1394 Firewire
UV Camera	
Detector	Bi Spectral, Solar blind imager
FOV	5° x 3.75°
min. UV Sensitivity	3 x 10-18 Watt / cm <sup>2</sup>
Focus	automatic
TV Camera	
Type	SONY FCB H 11 High Definition Color Camera
Sensor	1/3", CMOS
Resolution	2 Megapixel
Lens	10x optical zoom (approx. 50° to 5°)
Min. Illumination	1.0 lx (ICR-On Mode)

### Examples for Installation



More systems out of the **HELIVISION** family:

### HELIVISION 300 HDV

This system is designed to be compatible with your broadcast equipment. An installation kit is available, among others, for the SONY HVR-Z1U HDV camera. The 3 x 1/3" CCD sensor with 16:9 super HAD and over 1 million effective pixels as well as a 12x optical zoom leaves nothing to be desired. The camera images can be controlled and recorded from the helicopter cockpit (e.g. SONY GV-HD700).

### HELIVISION DVR

The hybrid HELIVISION DVR long-term recorder is perfect for controlling and storing all digital as well as analogue data.

### HELIVISION 300 HD IR

Is a proven system for visual and thermal inspection (without UV/Korona camera). With a diameter of only 300mm and weighing only 20 kg, this model is ideal for helicopters of all capability.

### HELIVISION 300 / 400 CD

This gyro-stabilised system can be equipped to meet your requirements. The modular structure of the gimbal permits the integration of a variety of different cameras and measurement systems.



HELIVISION 300 Dual



HELIVISION DVR

Mount kits for HELIVISION systems are available for every common helicopter type.