

ROV

GROUP

BRIAND

www.rovrailwayindustry.com

VISIOCAT[®] LAS'CAT[®]

CAMEROV[®]

Patent 1256179

THICKNESS MEASUREMENT + HEIGHT MEASUREMENT
«OVERHEAD CATENARY SYSTEM» + DEFLECTION

CATENARY & ELECTRIC TRACTION INSTALLATIONS INSPECTION EQUIPMENT

- Thickness measurement of contact wire (accuracy 1/10th mm)
- Height measurement of contact wire (accuracy ≤ 10 mm (LAS'CAT[®]))
- Deflection : continuous observation by video of the rail decline while the train or tramway is passing
- No interruption of the power supply for contact wires
- No interruption of rail traffic
- Video observation of inaccessible points
- Confort for the operator
- The equipment can operate on any rail network at 750V, 1500 V and 25 Kv
- Tests carried out at 30 Kv



Approval
N° DPI 15035

1st Price Sifer
Winner of Innovation awards
Infrastructure



ADDITIONAL MODULES - CAN BE USED FROM - 40°C TO + 50°C

VISIOCAT[®]LAS'CAT[®] CAMEROV[®]

LAS'CAT[®] measurement
device and process of
measurement of track



HEIGHT MEASUREMENT OF OVERHEAD CATENARY SYSTEM (OCS)



DEFLECTION

Continuous observation by video of
the rail deflection while the train or
tramway is passing



CAMERA VISIOCAT®

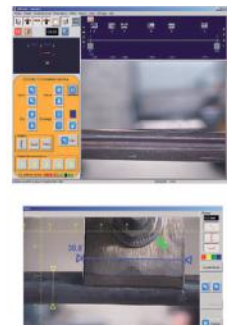
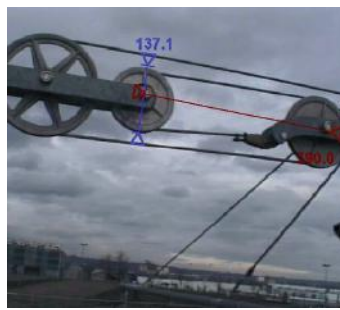
- 768 x 576 pixels HR PAL CCD sensor
- 10 x Optical Zoom + Digital Remote x 4
- Vision against the sun. Illumination with LEDs integrated
- Remote controlled tilt movement
- **Wireless Transmission**
- Automatic standby
- **Autonomy** : approximately 6 hours
- **Weight** : 600g
- **Accessories** :
 - 2 forks cable guide
 - 2 guides insulators pads

SOFT-CAT INSPECTION REPORTS GENERATOR SOFTWARE

- Camera control (zoom, focus, site, lighting...)
- 640 x 480 pixels video clips recording
- **Contact wire measurement : accuracy 1/10th mm**
- Report editing wizard
- Multimedia on editing
- Files and report custom production
- Anomalies library
- **Telescopic** isolated pole articulated with screw fixing TIP (M583760). Length 6m (certified perch)
 - Carrying case
- **Support** enclipsable console VISIOCAT® for tablet
- **BACKPACK Compact ITV - Weight 5,4 kg**
Weight 5,4 kg with hardware

OPTIONS

- **LAS'CAT® Telemeter**
- Distance accuracy : ≤ 2 mm
- Telemeter range : 60 m
- Motorized telemeter



GOVERNED VISIOCAT®

- Tablet (Option)
- Touchscreen
- Optional GPS
- Automatic standby
- **Autonomy** : approximately 6 hours

APPLICATIONS AREAS OF LAS'CAT®

- Measurement of X dimension (pulleys and counterweights)
- Checking measurement of supports
- Measurement of pieces situated on catenary (bracket, return arm)
- Measures side face of posts
- Height and length of the line bracket
- Length of tubing
- Congestion of catenary
- Isolation distance under bridges, tunnels
- Catenary gauge in section
- Height difference in switches
- Distance of spacing between post face to face...

Important : See list of 39 applications enumerated by the rail operators



BACKPACK «Compact» ITV
Weight : 4,4 kg

