

ROV

GROUP

BRIAND

www.rovrailwayindustry.com

VISIOCAT[®] LAS'CAT[®]

CAMEROV[®]

Patent 1256179

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

**CATENARY & ELECTRIC TRACTION INSTALLATION,
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

SNCF

Approval
N° DPI 15035

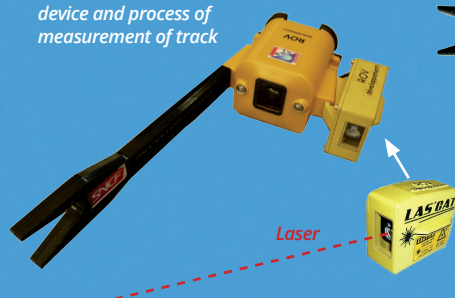
1st Price Sifer
Winner of Innovation awards
Infrastructure



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



In the past



CAMERA VISIOCAT®

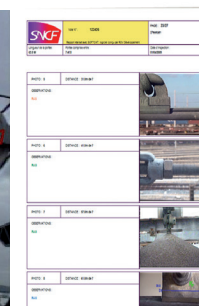
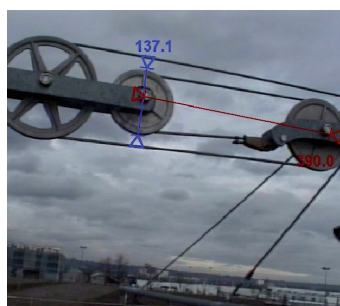
- 768 x 576 pixels HR PAL CCD sensor
- 10 x Optical zoom + digital Remote x 4
- Vision against the sun. Illumination with LEDs integrated
- Remote controlled tilt movement
- **HF Transmission**
- Automatic standby
- **Autonomy** : approximately 6 hours
- **Weight** : 600g
- **Accessories** :
 - 2 forks 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
- **Measurement of contact wire with accuracy of 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 laser



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

