semm logging
WELL LOGGING SERVICES

TECHNICAL SHEET

CAMERA	RADIAL	DTR 65 HRC

Generalities

Principle
The logging radial camera is a tool which enables to record a video in real time of the borehole side thanks to a rotative CDD sensor located at the bottom of the probe.

Result
Direct visualization on monitor and record on numerical format + DVD. Pictures of the interesting areas.

Interest
- In cased hole: Diagnostic of the plain casing / screen casing state.
- In open hole: Caving and fractures highlighting.

Constraints / borehole

filling up	: ☒ water	☐ mud	☒ dry
casing	: ☒ PVC	☒ steel	☒ open
borehole	: ☒ cored	☒ destructive	

max. depth	: 500 m
effective diameter	: 100 to 1200 mm
temperature	: 0°C to 40°C
max. pressure	: 50 bars

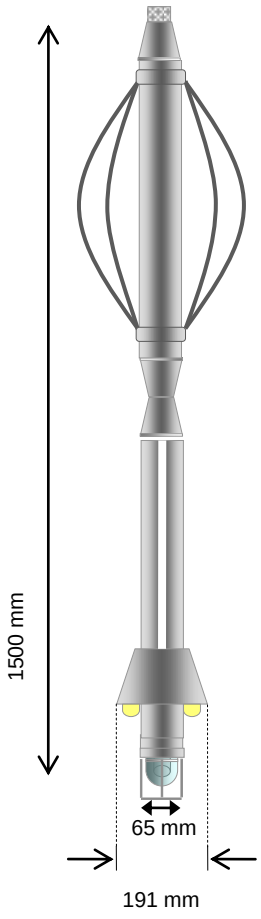
Technical specifications

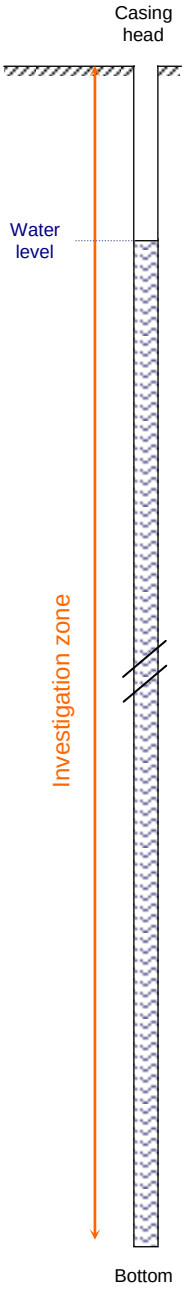
Dimensions
- length : 1500 mm
- diameter : 65 à 191 mm
- weight : 7.1 Kg

Elements
- sensor : CCD 1/3''
- lightning : 18 white LEDs high lightning
  2 proximity LEDs

Sensor specifications
- focal : 3.8 mm at F/2.0
- aiming : ± 110°
- rotation : 360°
- focus : manual (remote)

Option : Additional lighting Ø 191 mm
2 halogen bulbs (12V – 35W)





Records / Measures

Records

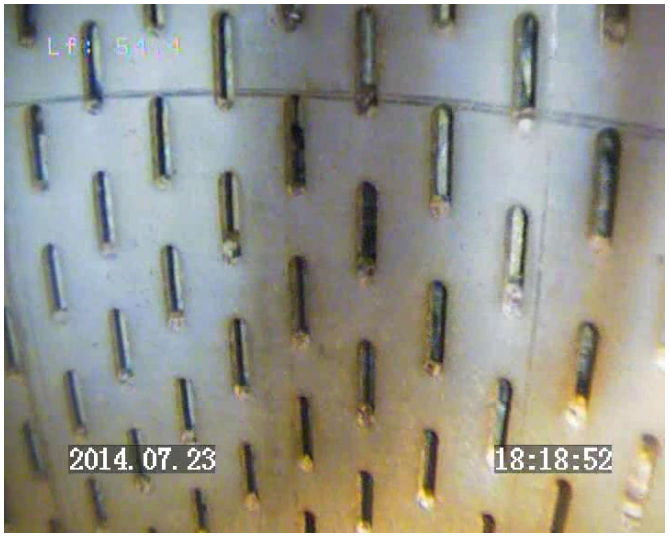
• Tool	: ☒ centered	☒ off-centered	
• Measure	: ☒ down	☒ up	
• Rec. speed	: according to need		

Measures

• Horiz. resolution.	: 540 TV lines
• Vert. resolution.	: variable
• Accuracy	: 0,02 lux @ F/1.2

Examples

2014.09.22
16:59:56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Lf: +28.95
2014.04.15
09:48:12

Lf: 55.2
2014.07.23
10:22:09

Lf: 58.4
2014.07.23
18:25:32