

BICSR25 Borehole Inspection Camera System

The All-In-One Camera System Providing The Ultimate Package For Inspection & Logging

Everything YOU need for video inspection!

The BICSR25 Borehole Inspection Camera System combines state-of-the-art camera technology, cordless operation, compact portability, rugged durability and recording facility providing the ultimate package for Borehole inspection and logging.

Features:

- 25mm (1") diameter stainless steel camera head
- Automatic Gain Control (AGC)
- 20m (65 ft.) or 30m (98.5ft) distance indicated push rod cable
- TFT Display
- Heavy Duty protective carrying case
- Camera head WATERPROOF up to 3bar 30m (100 ft.)
- Integrated Recording System
(Quote: BICS25 for none recording version)

This new innovative camera system provides everything you need for inspection of boreholes over 30mm diameter. The 25mm (1") mini camera head delivers a crystal clear color image and is waterproof to a depth of 30m (100 ft.) Internal rechargeable batteries allow for over 3 hours of cordless operation. The TFT monitor provides brilliant picture quality. The 20m or 30m distance indicated push rod cable pinpoints the exact location of the camera inside the borehole. All this is boxed in a heavy duty carrying case, bringing all the rugged durability you would expect from a world leading manufacturer of Mine instrumentation.

Applications:

- Internal inspection & logging of Boreholes in Mine roadways.
- Internal inspection & logging of Bolt holes
- Inspection and logging of Brick & Concrete segmental tunnel linings.



Specifications

Video Recorder:

Recorder capacity: 30 Gb Hard disk
Video compression/playback: MPEG-4
Interface: USB 2.0, compatible USB 1.1, PC & Mac.
Playback: Using 4.3" Colour display or download file
Via USB and view in Windows media player.

Power Supply: Integrated rechargeable battery
Operating time: over 3 hours

1" Mini Color Camera Head:

Sensor type: 1/3" COLOR CMOS
Sensitivity: 3 Lux
Lens system: $f = 2.5 \text{ mm}$, $F = 2.0$
Field of view: 120°
Light source: 12 superb right white LEDs
Protection: waterproof up to 30m(100ft) water depth
Size: $\varnothing 25\text{mm} \times 38\text{mm}$ (1" x 1.5")

Distance indicated push rod:

Length: 20m (65 ft.) & 30m (98.5ft)
Diameter: 6mm (1/4")

Monitor: (none recording version BICS25)

Size: 162 x 125 x 38mm (6.5" x 5" x 1.5")
TFT size: 140mm (5.6")

Case

Size: 500 x 425 x 175mm (20" x 17" x 7") L x W x H
Weight: 7.25kg (16 lbs.)

For further information contact :

**RMT Ltd. Bretby Business Park,
Ashby Road, Stanhope Bretby, Near Burton-on-Trent,
Staffordshire, DE15 0QD, United Kingdom.
Phone: +44(0) 1283 522201, Fax: +44(0) 1283 522279,
Email: rmt@rmtltd.com
Web site: www.rmtltd.com**

