

# SC-166 - Small Diameter Downhole Camera

## DESCRIPTION

The **SC-166** downhole camera is designed for water wells, boreholes and vertical shafts for 2-inch to 10-inch (5-cm to 25-cm) well diameters. The **SC-166** well camera system comes equipped with a protective carry case provided for storage, adjustable centering bands, and cable head protector.

## TECHNICAL CHARACTERISTICS

- Camera Diameter: 1.66 inches (4.22 cm) O.D.
- Overall Camera Length: 16.5 inches (42 cm)
- Housing: Stainless steel
- Down view ONLY
- Lens: BK-7 glass
- Power Supply: Portable 12VDC battery pack and charger.
- Total Camera Weight: 9 lbs (4.1 kg)
- Pressure Rating: Pressure tested and waterproof to 500 psi
- Scanning System: Downhole greater than or equal to 330 TVL (both NTSC and PAL)
- Operating Temperature: 0° to 50° C (32° to 122° F)
- Recorder: Records onto a 12 VDC DVDR (please specify NTSC or PAL at time of order)
- LED Lighting: High intensity, long life, shock proof LED lighting

### When applied to R-CAM System;

- Depth Counter: On-screen depth display measured in feet and tenths, or meters.
- Monitor: 7-inch LCD colour monitor with sunscreen viewing hood
- Winch, Reel, Motor and Cart: 12VDC electric powered, variable speed reel for raising and lowering camera in well. All parts are mounted on a small, two-wheeled cart with extendable 36-inch boom.

## MAIN CHARACTERISTICS

The **SC-166** will work with all **R-Cam 1000** and **R-Cam 1300** systems. Simply disconnect the existing camera and utilize the **SC-166** for smaller diameter holes or monitor wells. The robust 304 Stainless Steel housing is designed for rugged applications. The **SC-166** can be sold as an accessory camera to existing systems, or as a cost effective packaged solution.

