



**CamScan**  
0500 335722

## CS 106 'Yellow Rod' INSTRUCTIONS

### SPECIFICATION

Cable Length	: -80M approx.
Cable Diameter	: -7.5mm
Meterage ( if fitted ):-	: -0-99.9m in 0.1M steps
Accuracy	: -+/- 2%
Camera Connection.	: -PIPO ( Plug In Plug Out ). Camscan STD
Operating Temperature	: - -10 > 40 Deg C.
Voltage	: - 12V D.C +/- 10%
Video Standard	: -1v p-p 75ohm composite video.
Weight	: -16Kgs
Dimensions	: -800mm(h) 450mm(w) 800mm(d)



The CS106 may be connected to the CS100, CS175, CS176 or CS111.

The unit is supplied with a PIPO terminated ferrule, 80M fibre glass rod and slip rings.

The fibre glass rod provides a method of pushing the camera along and electrical connectivity for the camera connected to the end. Slip rings on the hub of the reel allow rotation of the wheel without snagging of cables whilst in operation.. Simply connect the flying lead to the system unit and commence dereeling the camera into the area to be inspected. The CS109 unit may be added to the CS106 and provides meterage measurement to the Camera picture. The socket underneath the meterage device is connected to the plug which comes from the hub of the reel. The socket to the rear is the video output and should be connected to the system unit via a CamScan 5-way fly lead. When the unit is connected to the CamScan system a display reading of 0.0M will be displayed in the right hand lower corner of the monitor display. As the camera is dereeled the measurement will increase in 0.1M steps. If required the count can be set to zero by depressing the RESET yellow button on the CS109 housing. The measurement will decrement to a minimum of 0.0M when the camera is fed back into the reel.

Note:- Although the fibre glass rod is extremely robust the camera should never be bent back on its self within a bend radius of 0.5M. Under these conditions damage to the fibre glass and integral cables is probable.

If required the yellow rod can be locked Into the meterage device by rotating the Nylon bushes to a position other than lined up With the slot underneath the meterage section.



For transportation purposes the camera spring and rod maybe withdrawn from the meterage device and inserted into the reel.

### PRECAUTIONS

DON'T USE IN WET CONDITIONS. UNDER MAINS OPERATION USE AN R.C.D. Unit must be earthed. The unit contains no user servicable parts. Do not attempt to remove any panels. Please contact the manufacturer . See below.

### CLEANING

Clean unit with all power sources removed with a soft damp cloth. Allow to dry before further use.

# TECHNICAL 0500 335722

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