

Uni-Count 14" & 20"

Wireless Cable Counter

1. Introduction

Developed by Unique Group to meet the demand for increased back deck survey equipment, the Uni-Count is a reliable and accurate system for measuring the cable passing over the wheel.

Developed to help Oceanographers, Hydrographers and Surveyors who require an accurate measurement of deployed cable in conjunction with applications including Side Scan Tow Fish, Magnetometers, ROVs, CTD Systems, Undulating Towed Vehicles, Sub-bottom Profilers, etc



Capsule Electronics



14" & 20" Uni-Count

2. Features

- > Alpha-numeric LCD display
- > High Resolution & Accuracy
- > Addressable up to 8 counters
- > RS232 communication ports + USB port
- > Custom OFFSET and RESET of Cable length
- > User friendly operation

3. Applications

- > Side Scan Sonars
- > Sub-Bottom Profilers
- > CTD Systems
- > ROVs etc.

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4. Specifications

Size	14" Block	20" Block
Height	677mm	817mm
Sheave Wheel Diameter	356mm	508mm
Overall Width	158mm	158mm
Weight	25Kgs	29.5Kgs
Maximum Cable Diameter	6mm to 17mm (max)	
Safe Working Load (SWL)	4.5 Ton (at head fitting)	
Material	Strong Aluminum Alloy (Anodized) with SS316L fittings	

5. Transmitter Specifications

Radio Range	500m (max)
Frequency	433 MHz (8 Channels)
Transmit Power	160mW (max)
Power	3.6VDC Li-SoCl ₂ Battery (non-rechargeable)
Maximum Count	-9999 to 9999

6. Receiver Specification

Dimensions	180 X 132 X 56 mm
Data Output	RS232 (9600,8N1) formats accepted by survey software + USB (Direct Serial Data)
Display	Monochrome LCD Display
Power	12 VDC (External or USB device)
Operating Temperature	-55°C to +85°C (Battery)

