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Smart-Count Cable Counter 14" & 20" Data Sheet

A new cable counter designed to accurately record and measure paid out cable lengths; designed to neatly fit on the side of a large winch and precisely measure the cable length with dependable results. The data is transmitted over USB to a windows PC running the user-friendly software and displayed in real time. This software is also transferable from the PC to multiple formats, ensuring system compatibility and applications. Powered entirely by solar energy the system is sustainable with prolonged lifespan, eliminating the unreliability associated with battery discharge; reducing downtime. Accommodates 14” and 20” cable bend radius and the manufacturer is able to custom wheel diameters and groove widths upon request to integrate cables with varying diameters.

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Fig. 1. Image of the Smart-Count 14" & 20" cable counter with the fitted side solar panel, (Image courteously provided by Beyond Survey Services)

Features

- Internal Li batteries are contained inside of the unit and external solar power plates are on the outside chassis - power driven by solar power for sustainable use.
- 433/915 MHz frequencies to transmit data via wireless connection up to 300m away from the counter to the data logger device.
- 0.25 unit precision with units displayed in meters or feet depending on user preference
- has inbuilt anti-jump ensuring the cable stays in place when reeling (under tension/slack).
- Data serial output RS232/USB for use in SonarWiz, Hypack and can be integrated into Maglog
- Acquisition software is windows compatible showing real-time length and speed.

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Fig.2. Cable Counter packed in a rugged transit case comes with accessories, back up charger, BNC communication cable and loading aid.

Product Dimensions

Physical	Dimensions (L x W x H)	Weight
(instrument only)	1m x 1m x 67.31 cm	20kg

Technical Specifications

14 Inch Sheave [SC-1000]:	
Sheave Circumference:	1 m
Safe Working Load:	2,268 kg
Maximum Cable Diameter:	1.52 cm
20 Inch Sheave [SC-2000]:	
Sheave Circumference:	1.44 m
Max Cable Diameter:	2.28 cm
Safe Working Load (SWL):	4,536 kg
Height and Weight:	80.77 cm; 25 kg
Material:	Aluminum/SS/Moly Nylon
Wireless Radio Range:	300 m

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