Eclipse Touch MWD Surface System

You need an easy-to-use digital MWD (Measurement While Drilling) surface system that is intuitive in its operation and delivers operational data from the rig site to multiple concurrent users in realtime. The Eclipse Touch MWD surface system marks a new generation of performance and execution simplicity. The system has quickly become a leading decoder in North America and is continuously deployed on hundreds of rigs.

Features and Benefits

Integrated Design

Eclipse Touch is a 'plug-and-play' system containing high powered intel processors for guaranteed, built-in processing power. Compatible with most Tensor based MWD downhole systems.

Intuitive User Interface

Designed from the ground up with the end user in mind and remote-ops compatibility.

Multi-Filter Decoding

Eclipse Touch uses a proprietary algorithm optimizing pressure pulse decoding by intelligently choosing between 10+ filtering options. System provides exceptional single transducer pressure pulse decoding.

Adaptive with a Small Footprint

System can connect to unlimited devices and supports multiple WITS connections. Wellsite can be setup to use only the RFD or combined with Laptops and Tablets. System supports multiple wireless connection options such as radios, cellular, and WiFi for wellsite network.



North American Market Leading Decoder



Eclipse Touch MWD Surface System

Hardware	
ſ	Display
Screen	15-inch LED touch screen
Length	15.6" (396 mm)
Height	12.2" (59 mm)
Width	2.32" (59 mm)
Weight	~ 15 lbs.
Input Power	
Power	9 - 36 VDC, 5A
Power	100 -120 / 200-240 VAC
Current	50/60Hz, 2A
PC Specs	
RAM	16GB DDR3
Memory	250GB SSD
Inputs Panel	
Pressure Transucer	19-pin Amphenol (4- 20mA)
PC interface	USB-A
Radio Input	Radio 900mHz
Networking Inputs	LAN, WiFi, Cellular
Peripheral Inputs	AUX cable
Certified Zone 1, Intrinsically Safe	

Supported Varibles
Directional
Standard Surveys
6-axis Surveys
Logging
Continuous Inc & Azm
Gamma
Azimuthal Gamma
Axial & Lateral Shock & Vibration



Next Generation MWD Compatible System provides exceptional single or dual transducer pressure pulse decoding.

Full Kit Includes
Hardware
Rig Floor Display (RFD)
RGD Mounting Bracket
MP DAQ Assembly
Cables
120/240 AC Power Adapter
AC/AC Power Cord
AC/DC Power Cord
RFD USB Cable
RFD Ethernet Cable
RFD 4-20mA Y-Cable
Storage
Ruggedized travel case

2418 North Frazier St. | Suite 100 Conroe, TX 77303, USA

