

# LineWise

## System and Software



### Application

The LineWise System contains the following applications:

#### Depth Panel

- Measures depth, speed from encoder input
- provides depth, speed information for logging systems
- Depth and other data can be output in text file format to merge with DataCan Memory Gauges or Mini Logging Tool
- configurable for any make or model of measuring head, including DataCan Slickline Measuring Head (metric or imperial) or DataCan Braided Line Measuring Head (metric or imperial) or DataCan Universal Measuring Head

#### Weight Indicator

- Used for wireline tension measurement
- compatible with most tension measurement devices:
  - DataCan Inline Tension
  - S-link
  - Hydraulic Weight indicator
- configurable to most analog sensors

#### Winch Control

- detects over-tension and under-tension conditions
- user configurable limits

- transmits signal to stop winch movement

#### Pressure Indicator

- Used for wellhead pressure measurement
- can be configured for pressure testing applications
- configurable to any analog or frequency input

#### CCL Meter (shooting CCL)

- connects to perforating panel CCL output (DataCan or other manufacturers)
- indicates casing collars during perforating operations
- configurable to any 0-5V analog input

### Benefits

The LineWise System was designed for use with wireline trucks or skids, and is compatible with any slickline or braided line application. LineWise can be used with e-line logging systems and/or slickline mechanical operations. The software is easy to install and use, requiring no drivers for the USB communication, and is compatible with all current versions of Windows.

### Features

- User configurable displays for measurements that are recorded to computer hard drive
- Four analog inputs compatible with 0-5V, 4-20mA or 0-10V, one configurable to mV signal
- One encoder input for Depth measurement
- Provides depth information for Premier Logging system, can be configured for use with Warrior
- Samples up to 20 times per second
- Four analog inputs compatible with 0-5V, 4-20mA or 0-10V, one configurable to mV signal
- Can interface with the DataCan DTD Panel, the Winch Shutdown Control System



## Ordering Information

Description	Part No.
LineWise System_Main (Interface box, software, USB cable)	AE304UU0002
Encoder_300 Pulse/rev_Servo mount_1/4 Shaft	PM603UU0067
Cable_Depth_30ft	AE304UU0016
Inline Tension Cable - 30ft	AE304UU0035
Laptop_PL Standard	PE171UU0001
Weight_Indicator_Assembly_Hydraulic_4K_Complete Kit	106248
Weight_Indicator_Assembly_Hydraulic_5K_Complete Kit	105716
Weight_Indicator_Assembly_Hydraulic_10K_Complete Kit	108591
Load_Cell_S-Link_5000LB_Kit	AE550UU0007
Load_Cell_S-Link_10000LB_Kit	AE550UU0015
Cable_S-Link_150ft_4-pin ends_Reel	107543
Wellhead Pressure System 5K psi with Intrinsic Safety Barriers	AE304UU0051-5
Wellhead Pressure System 10K psi with Intrinsic Safety Barriers	AE304UU0051-10
Wellhead Pressure System 15K psi with Intrinsic Safety Barriers	AE304UU0051-15
Winch Control Box_Assembly_Standard	AE308UU0001
Cable_Harness_Assembly_Winch Shutdown Controller_Relay	108041
Relay_SPDT_12VDC_35A_w/Bracket (Winch shutdown actuation)	PE450UU0004
Power Supply_AC-DC_12V_1.5A ( Supply for Winch Control Box)	PE171UU0059

