

Driller's Display Unit (DDU) Zone 1

Innovative solutions for hazardous locations to drive efficiency.



The Laversab Advantage



OUTSTANDING SERVICE...

- ✓ Easily customizable solutions
- ✓ Simple setup and operation
- ✓ Support over email/phone/onsite



...FOR A LIFETIME.

- ✓ 3-Year warranty (+2 years opt.)
- ✓ Rig-up & operation training
- ✓ Flexible payment options

Overview

The ultra-compact DDU is intrinsically safe, fully sealed (NEMA-4) and can be used in hazardous outdoor environments (including Zone 1 areas), under severe vibration, over a temperature range of –20°C to 50°C. The transfective display and LED backlighting provide excellent viewability under all ambient light conditions. This is the perfect driller's display for displaying information from MWD systems and other Rig-floor monitoring systems.

Technical Specifications

Product Type	Driller's Display	Power	3 to 25 VDC, 5 watts max.
Certifications	ATEX Zone I , IIb	Operating Temp	–20°C to 50°C
Display	10.4" Transfective sunlight readable LCD 640 x 480 with LED backlighting	Storage Temp	–40°C to 75°C
		Humidity	5 to 100%
Processor	ARM 9 Core Processor @ 190 MHz	Sealing	NEMA-4 on all six sides
Operating System	Linux embedded or Windows CE	Weight	11 lbs
Data Storage	64 MB Flash Memory	Dimensions	10 ¾" (w) x 9 ¼" (h) x 2 ¼" (d)
Memory	64 MB SDRAM		
Application Software	Laversab Driller's Display application	Mounting	Carrying handle & multiple mounting methods provided
I/O	3 serial input options (RS-232, RS-485, Current loop)	Operating Shock	50 G, 11 ms half-sine
Optional I/O	Optional LAN and USB ports	Operating Vibration	1.5G RMS, 5 to 500 Hz