

Drill Floor Monitor

Displays drilling data in harsh conditions

Applications

- Monitoring drilling data
- Recognizing alarms

Features and Benefits

- Wide operating temperature range
- Lightweight
- High-performance processor
- Onboard system parameters for temperature, power-on hours, and acceleration
- Field-replaceable SATA solid-state hard drive
- Intrinsically safe keyboard
- Usable with work gloves

Tool Description

The drill floor monitor is a ruggedized, field serviceable, sunlight-readable, ATEX Zone-2-rated flat panel computer that can be used in hazardous and harsh environments of drilling rigs and production platforms.

Certifications

The ambient combustible gas detector meets the following certifications:

UL	Class I Division 2 Groups A, B, C, D
ATEX	II 3G Ex nC ic IIC T4 Gc X -40°F (-40°C) / 32°F (0°C) ≤ T _a ≤ + 140°F (60°C)

Specifications

Measurement

Display	15-in. XVGa; 1024x768, 16.2 million color AMTFT LCD; sunlight readable with LED backlight
Viewing area	9 in. (H) x 12 in. (W), 15 in. diagonal
CPU	Soldered Intel® Core™ 2 Duo (up to 2.26 GHz)
Memory	Soldered non-ECC DDR3 SDRAM (up to 4 GB)
Mount	Rear, panel, yoke
Input voltage	11 to 32 Vdc or 100 to 240 VAC auto ranging, 47 to 63 Hz
Dimensions	13.75 x 15.9 x 5.02 in.
Weight	22.5 lb (10.2 kg)
Operating temperature	-40°F to 140°F (-40°C to 60°C)
Storage temperature	-40°F to 158°F (-40°C to 70°C)
O/S compatibility	Microsoft® Windows® XP, Windows 7, Linux®

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