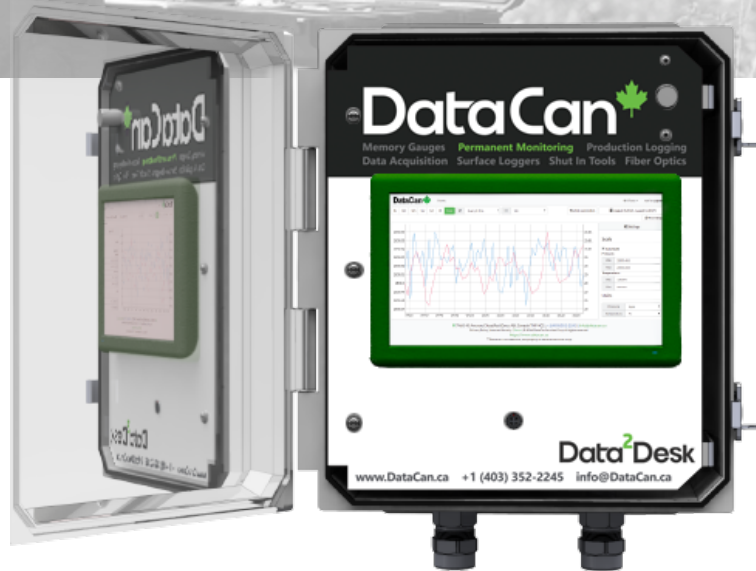


Surface Box with Color Touchscreen



Application

A real time reservoir monitoring system for; progressive cavity pump, hydraulic lift (sucker rod), gas lift, observation and injection wells. DataCan's Surface Box with Color Touchscreen is designed to display, record, and output the real-time data of multiple gauges. The gauges can be in a single well on a single wire (multi-gauge), or from multiple wells on a single pad (multi-well), or a combination of both. DataCan Piezo and Quartz sensors, Surface transmitters, RTD's, and Thermocouples can be connected. The box can output an RS-485, or 4-20mA signal. Additionally, DataCan can install a Data2Desk system with a remote Cellular or Satellite connection.

Benefits

The Surface Box with Color Touchscreen means you don't need to have a laptop to set-up, download, or view your data. The design has low power requirements, allowing it to operate on a single 12V automobile battery for months. The memory has enough capacity to store one second data from a single gauge for over 10 years. There are no limits to the number or type of DataCan sensors being connected to, or outputting from, this device.

Features

- 7" Color Touchscreen Display & Interface
- Connect up to 4 downhole gauges (4 telemetry cards)
- Connect up to 4 VFDs. Data logged to memory and output via Modbus or Ethernet
- Modbus connection to external SCADA system over RS-485 or Ethernet
- 20 Million Sample Capacity (1 GB)
- Set-Up and Program Via Touchscreen or Ethernet Remote Terminal
- Integrated Transient Power Suppression against Lightning
- Easy and Simple Installation
- Optional Data2Desk Remote Monitoring System
- Optional Internal Heater
- Set up and download via any USB Flash Drive
- Pass-thru VFD Interrogation From Remote Terminal
- Simultaneous Remote Interrogation of Multiple Masters

Surface Box with Color Touchscreen

Surface Box with Color Touchscreen	
Part No.	107976
Display	7" LCD, 840p x 480p
Memory Capacity	20 Million Samples (1 GB)
Output	4-20 mA, RS-485 ModBus, Ethernet
Enclosure Rating	Nema 4
Temperature Range	-20°C to 70°C
Enclosure Dimensions	11.6" x 13.9" x 7.3"
Power Input	12 - 24 VDC
Power Consumption	150 mA (Single Multi-Gauge Well) + 40 mA (Each Additional Well)
Transient Protection	25 kA 8/20 us on Tool Line
	50 kA 8/20 us on Power Line
	UL 1449 600V, UL 96A compliant
VFD Interface	RS-485 2 Wire (Modbus RTU Protocol)