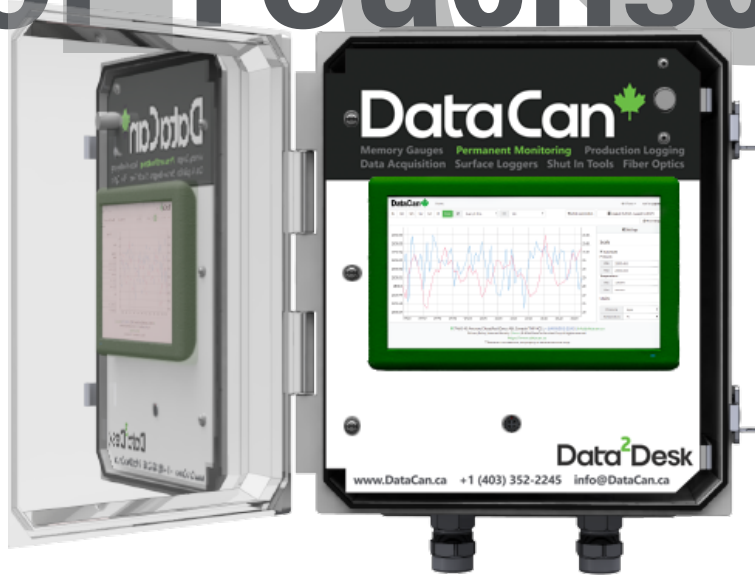# SBO
Color Touchscreen

Application

A real time reservoir monitoring system for; progressive cavity pump, rod lift, 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 ethernet. Additionally, DataCan can install a Data2Desk system with a remote Cellular or Satellite connection.

Benefits

Having the touchscreen means you don't need to have a laptop to configure, program, set-up, download, or view your data. The design has low power requirements, and enough memory capacity to store one-second data from a single gauge for over 10 years.

Features

- 7" Color Touchscreen Display & Interface
- Modbus connection to external SCADA system over RS-485 or Ethernet
- Over 100 Million Sample Capacity (32 GB or more)
- Set-Up and Program Via Touchscreen or Ethernet Remote Terminal
- Integrated Transient Power Suppression against Lightning
- Easy and Simple Installation
- Set up and download via any USB Flash Drive
- Simultaneous Remote Interrogation of Multiple Masters

- Add up to 10 devices (Telemetry Cards or Surface Pressure Transmitters)
- Optional Data2Desk Remote Monitoring System
- Optional Internal Heater
- Optional Wifi to Configure or Download Data
- Optional Pass-thru VFD Interrogation From Remote Terminal

Surface Box with Color Touchscreen

Part No.	109568
Display	7" LCD, 840p x 480p
Memory Capacity	More than 100 Million Sample Capacity (32 GB or more)
Output	RS-485 Modbus, Ethernet
Enclosure Rating	Nema 4X
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)
VFD Interface	RS-485 2 Wire (Modbus RTU Protocol)