

### PPS Series Videographic Data Recorders

*Now with Touch Screen Technology!*



PPS-1000

PPS-2000



PPS-3000

#### Product Overview

- \* The PPS Series is a major advance in the market for Paperless Videographic Data Recorders incorporating Touch Screen Technology for set-up and programming.
- \* *The PPS Series encompasses three models:*
  - The PPS-1000 for basic 3 or 6 channel recording on a 4.3" screen
  - The PPS-2000 for up to 24 channels on a 5.6" screen
  - The PPS-3000 expandable to 48 channels on a 12.1" screen
- \* The PPS Series displays data in real time on the touch screen.
- \* The PPS saves data to internal memory that can be exported to SD memory cards or USB ports as well as over a LAN using the optional Data Acquisition Software.
- \* Data logging supports notes being written directly on the Touch Screen that may be saved with the data files. The data files may be started and stopped as a batch operation with additional batch lot information.
- \* *The Basic PC software package included at No Charge provides:*
  - Historical Viewer/Configuration capability to view, print, export and archive PPS Series data files imported via SD card or USB drive
  - Create and edit PPS configurations to be downloaded back to the recorder
- \* Data Acquisition Studio software combined with the Basic package provides real time access from one or more PPS units via LAN, serial or Modbus with datalogging functions at the PC.
- \* Optional firmware packages include the Panel Studio development software to design custom displays including digital and analog tags and values with animation.



#### Design Features

- \* *Touch Screen Technology*
- \* *TFT high resolution color LCD*
- \* *100 millisecond sample rate and data logging*
- \* *High accuracy 24 bit A-D analog inputs*
- \* *16 bit A-D analog outputs*
- \* *Digital count inputs, maximum frequency 100 Hz*
- \* *Plug & Play I/O card/modules:*
  - Analog Input - 3 or 6 per card
  - Analog Output - 6 per card
  - Digital Input - 6 per card
  - Digital/Relay Output - 6 per card
  - Combo Card - 3 Digital Inputs + 3 Relay Outputs
- \* *SD Slot for internal memory expansion*
- \* *(2) USB host ports for downloading data or printer connection*
- \* *6.73"/171mm short panel depth*
- \* *Ethernet standard with optional RS-232 or RS422/485*
- \* *NEMA 4X / IP65 water resistant housing*

