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

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