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 programing.

✳ *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 Aquisition 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 developement 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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