HMI series
DIGITAL PAPERLESS RECORDER / DATALOGGER

NEW

R. S. Enterprises revolutionized the paper recording industry with the introduction of the cost-effective HMI series of paperless recorders.

R.S.ENTERPRISES MAKE Paperless Recorder products serves industrial market requirements for high quality data acquisition and monitoring products and systems. Incorporating the latest in color LCD technology and data storage media, our range of recorders have always lead the way in this dynamic marketplace. Our data acquisition products are supported by the powerful DAS, a suite of Windows-based PC software packages, which provide extensive data analysis, graphing, and archiving facilities.

R.S.ENTERPRISES is leading the industry into the new millennium with a range of advanced paperless recorders for the process manufacturing market worldwide.

Paperless Recording Benefits:

- Eliminate costs by removing pens, paper and maintenance associated with paper recorders.
- Improves productivity through efficient data transfer to PC's and spreadsheet programs.
- Optimize management of recorded information.

HMI Paperless Recorder General Specifications

- TFT Active Matrix Color or Bright Monochrome STN display for easy reading.
- 8,16,24,32,48, or 60 Universal DC V/I, T/C and RTD inputs. (T/C Should be ungrounded).
- Ethernet TCP/IP and RS-485/232- isolated communications.
- Brilliant: 5.7,7.5,9.2,15" TFT Display as a front-end display for optimum readability.
- Fast: 100 mSec Scan rate for all channels, High Speed memory Cycle of 100 msec.
- Flexible: - Selectable Display Mode. Graphical or tabular Mode.
- Screen saver: Period of non-operation exceeds the setting value of parameter, recorder turns off the backlight of LCD.

Specifications

- **Mounting Method:** - Panel Flush-Mounted. (Standard) **Material :** - Alluminium

5.7" TFT	(640 x 480 Pixels)
7.5" TFT	(640 x 480 Pixels)
9.2" TFT	(640 x 480 Pixels)
15" TFT	(800 x 600 Pixels)

- **Power Supply:** - 24V / 12 Vdc
- **Power Consumption:** - 50 Watt
- **Input Signals:** - 4 20mA, 0 20mA, 0-10Vdc, 0 5Vdc, 0 1Vdc,RTD, T/cs;- B,R,S,K,E,J,T,N,W,L,U,P/,N

- **Input Type:** - Selectable through front Keypad
- **Burn Out Function:** - Equipped for T/cs, & RTD as standard Feature
- **Memory Capacity:** - 16MB Max Expandable to 512MB Max (Optional)
- **Life of Backlit:** - 50,000 Hrs
- **Operating Conditions:** - 0 to 50 deg C, 0 to 80 % RH Non Condensing
- **Printer Port** (Optional): - Parallel Port
- **Analog Input Resolution:** - 16 Bit
- **Touch Screen:** - Optional. (Made To Order)
- **EMC Standards:** - Complies with EN61326-1& **CE** approval (Optional)
- **Mathematic Functions:** - Optional. (Made To Order)
- **Channel Grouping:** - Optional

Software Details