



# SM500F

## ABOUT

The SM500F is the world's first field-mountable videographic data recorder. Featuring seven process inputs, twelve recording channels and available with wall, panel and pipe mounting options, it provides a truly simple recording solution that can be used anywhere, anyhow and by anyone. Its fully sealed IP66 and NEMA 4X enclosure means it is ideal for use in even the most hostile environments, including hosedown and dusty applications.

Fully compliant with the FDA's (Food and Drug Administration) 21 CFR Part 11 regulations concerning electronic process data collection, the SM500F is ideal for any installation where local indication and recording of process conditions is required. Typical applications include the monitoring of temperature, humidity, cold storage, warehouses, effluent and boreholes.

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## KEY FEATURES

- Unique universal wall-, pipe- or panel-mounting capability that meets both IP66 and NEMA 4X hose-down standards.
- Ultra-slim design ensures easy replacement of existing recording devices
- Secure data recording with 64 MB internal flash memory and archiving to SD memory cards
- Depending on the application requirements, color TFT or monochrome options are available
- Comprehensive audit trail, secure archiving format and extensive physical and configuration security features, making SM500F ideally suited to applications where compliance to 21CFR part 11 is required
- Extensive physical and electronic security features ensure integrity of recorder's configuration and archived data
- Flexible recording with 12 software recording channels for recording of up to 7 analog/digital inputs, math function results, signals communicated via MODBUS® or any other analog or digital signal available within the recorder
- Remote access and data retrieval via Ethernet and MODBUS RS485 connectivity
- Quick and easy setup with on-line help and Windows™-style menus
- Easy tracking of batch processes available