OP

Operator Panel

It is a compact data collection solution designed for Laundry monitoring. With Operator Panel, you can monitor data, define alarms, analyze data and receive notifications via SMS / E-Mail. With the data backup specification, you can save all historical data. It is a plug & play solution that does not require any computer or software for installation. Compatible with all kinds of systems with wide communication protocols.

General Specifications

- Web based interface
- Customizable dashboard
- Alarm-Notification management
- Rule management
- Monitoring from the center
- Consumption monitoring
- Real-time tracking (Trend and Table)
- Reporting
- Downtime tracking
- Job order tracking
- Productivity monitoring
- Onboard temperature and humidity sensors
- Production counter
- PLC communication support
- Modbus TCP/RTU communication support
- OPC UA client support
- 4-20mA sensor support
- PT100 sensor support
- Dry contact sensor input (4pcs)
- Dry contact relay output (2 pcs)
- Alarm siren output
- Built in Wi-Fi
- 3G modem support
- IP/USB camera support

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Technical Specifications

Internal Temperature and Humidity Sensor	1
Internal Temperature Sensor Measuring Range	0 - 60 °C
Internal Temperature Sensor Sensitivity	Precision < 0.5%
Internal Humidity Sensor Measuring Range	Relative Humidity 0 - 100
Humidity Sensor Sensitivity	Sensitivity < 3%
Digital Sensor Port (1-Wire)	1 (Max. 16 pcs 1-Wire Sensor)
Max. 1-Wire Sensor Distance	50 m
Memory	8 GB
Processor	4-Core ARM
Screen Size	10.1" LCD Touchscreen (Capacitive)
Digital Input	4 (5 - 24 VDC)
Digital Output	2 (Max. 30 VDC)
USB 2.0 Port	3
HDMI Output	1
10/100 Mb Ethernet	1
Serial Communication (RS-485)	1
External HDD, Keyboard, Mouse Connection	USB
Supply Voltage	24 VDC
Power Consumption	10 W
Operating Temperature Range	0 - 60 ° C
Operating Humidity Range	10% - 90% (Non-condensing)
EMC Compatibility	EN 61000-6-4 / EN 61000-6-2
Product Warranty	1 Year
Network Protocols	HTTP, HTTPS, SNMP Traps, TCP Socket IO, MQTT, Modbus TCP, Modbus RTU, OPC UA