Intell-i-Watch IW-646

Multi-Sensor Transmitter Monitors

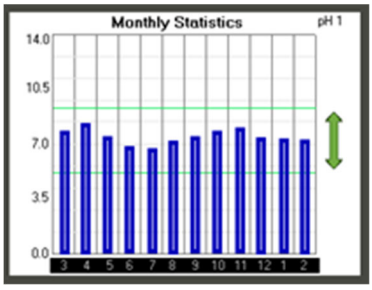


Monitor (partial list)

- pH/ORP
- Flow
- Level
- DO
- Pressure
- Temperature
- Sludge
- Turbidity
- TDS
- Ammonium
- Phosphorus
- Nitrogen
- BOD/COD
- Motor conditions
- HVAC
- Load balance
- Pumps
- Blowers
- Mixers
- Valves
- Tank inventory
- Aerators
- Data
- Air flow
- Compressors
- Transformers

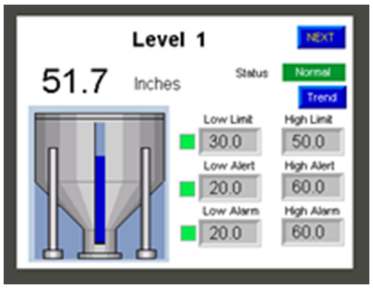
Features

Model	IW646V-IO
Analog inputs	6
Digital inputs/outputs	4 / 6
Sensor channels	10 (simultaneous sensor inputs)
Installation location	Indoor/outdoor
Operator interface	Touchscreen
Networking	Ethernet included (10/100 Mbps)
Datalogging capacity	32 GB
Keyboard	Virtual, displays on input
Mount style	Back mount 4-hole, optional mount brackets



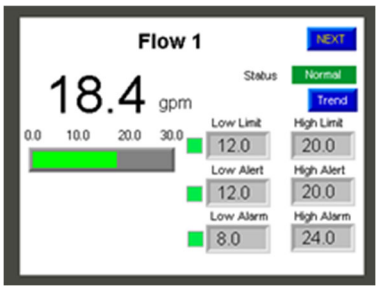
Mechanical

Enclosure	Powder coat enamel, steel
Rating	NEMA 4 / IP66
Dimensions	8” X 8” X 6”
Weight	12 Lbs
Display dims / resolution	3.5” / 320 X 340
Storage	SD, 32GB / flash 32GB, (SSD optional)
Temperature range	32° - 122° F (0° - 50° C) operating
Relative humidity	10% to 95% (non-condensing)



Electronics

Supply voltage	115Vac/1pH/60/50Hz, 1.75A
Power consumption	≤ 705mA @ 24 VDC
Display	TFT, LED, touch resistive analog
Ports	USB/RS232/RS485
Battery	Coin type, 3V, lithium, CR2450, 5 years
Controller type	Microprocessor controlled menu driven
Outputs, digital	6
Expandable	Yes, I/O and other elements



Intell-i-Watch IW-646: Is a highly flexible, interactive data collection/concentration platform for monitoring up to 10 simultaneous sensor inputs for industrial, municipal, commercial, military and any facility with monitoring/alerting/data logging and analysis requirements for sensing with water, process equipment, infrastructure devices and systems, energy devices and systems for generation/distribution/storage and consumption, equipment, machinery, motors and many other sensing sources.

In order to provide specialty monitoring solutions tailored to multiple application classes we’ve divided the Watch models into the following solution groups: Water, Data, Energy, Equipment, Infrastructure
By tailoring the models to a range of specific applications we can create solutions designed to target the needs of that target grouping.

To discuss your application and define the best model, sensors and accessories for your use, call us today.

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