

# IntelliScan

# Vision Series

The IntelliScan is a handheld device that revolutionizes the calibration process by eliminating the need for manual data entry. It has an infrared port that allows calibration data to be transmitted to the IntelliSense from the IntelliScan, a simple user interface design, features many impressive capabilities and comes with its own convenient carrying case and belt-clip attachment.

## Features:

- A durable and water resistant housing
- Three probe options are available:
  - Conductivity
  - pH & ORP
  - one conductivity and one pH & ORP probe
- Power button - the unit is powered by 4 AA batteries and has an auto shut-off feature
- Soft keys allow for easy programming and flexibility
- Large 128 x 64 pixel, easy to read, back lit LCD display
- An infrared port allows calibration data to be transmitted to the IntelliSense from the IntelliScan



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# IntelliScan Specifications

Enclosure	Nema 4X Impact Resistant ABS
Power Requirements	Four AA Batteries
Display	128 x 65 Dot Pixels Back Lit Display
Conductivity Scale	0 - 20,000 $\mu$ S/cm
pH Scale	0 - 14 pH
ORP Scale	+/- 2,000 mV
Accuracy - At point of measure excluding Probe	+/- 1% of full scale
Environment	0 to 122° FC -17.8 - 50° 100% Humidity
Dimensions	4 x 7.5 x 2 in 10.16 x 19.05 x 5.08 cm
Shipping Weight	approx. .82 lbs (.37 kg)

## Other Vision Series Products

**Vision Series Model LV** - A dual system process control instrument, designed to handle many types of applications. It is completely modular and comes standard with popular features, many of which are automatically activated.

As standard, the LV comes with three IntelliSense connections (allowing for the use of three general sensor inputs, two general sensor inputs and one multipurpose input/output or one general sensor input and two multipurpose inputs/outputs), five selectable relays, six taggable timers, two flow switch inputs and two inputs suitable for use with dry contact or hall effect water meters.

The LV's capability can be maximized to allow it to handle up to two multipurpose IntelliSense inputs/outputs and any combination of up to four conductivity, pH or ORP (general sensors) IntelliSense inputs through the use of a USB expansion hub and up to nine selectable relays through the use of a relay expansion box.

**Vision Series Model UV** - A single system process control instrument, designed to handle many types of applications. It comes standard with popular features, many of which are automatically activated.

As standard, the UV comes with two IntelliSense connections allowing for the use of one multipurpose IntelliSense input/output and one general sensor IntelliSense input (conductivity, pH or ORP), five selectable relays, three taggable timers, one flow switch input and one input suitable for use with dry contact or hall effect water meters.

**IntelliSense** - By converting an analog sensor input to a digital signal, the IntelliSense provides auto sensor recognition that eliminates drifting potential and allows travel of up to 150 feet. Each of the five available sensory heads are color coded and measure a multitude of variables.

**Relay Expansion Box** - Used to add four additional relays to a Vision Series Model LV. A maximum of one relay expansion box can be used with the Model LV and will require the use of one USB input.

**USB Expansion Hub** - For use with the Vision Series Model LV to maximize the number of USB inputs/outputs. The USB expansion hub is required if more than three USB inputs/outputs are to be used with a LiquiVision. A maximum on one USB expansion hub can be used with the Model LV.

**IntelliCom** - The IntelliCom communications platform is an easy-to-use communications package that provides the ability to conveniently manage customer accounts and Vision Series controllers out of one application. IntelliCom supports Ethernet, modem or direct connect communications and allows for e-mail notification of alarms with Ethernet or modem (IntelliCom Alert service option required) communications.

With advanced features such as multi-parameter graphing with event logging, real time monitoring of system parameters, remote relay control, system configuration reports, and multi-level prioritization of e-mail alarm notifications, IntelliCom is the solution for effective process control management.

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