

# HiTECH

Technologies, Inc.

## SuperMini™ SonicLaser™

SMART OEM LEVEL TRANSMITTER

### SonicLaser™ SensingTechnology

Model SCA-3xx-x

#### IDEAL for

- ∩ Chemicals
- ∩ Equipment Manufacturers
- ∩ Food Processing
- ∩ Pharmaceuticals
- ∩ Power Plants
- ∩ Pulp & Paper
- ∩ Water & Wastewater



#### ADVANTAGES

- Simple to use magnet programming
- 4 to 20ma PLUS programmable relay output
- 32-point linearization\*
- 2 x Fixed target suppression\*
- Built-in sensor for full range compensation
- Choice of operation:

**Basic:** Simple start up and 4/20 mA output programming using touch magnet calibration.

**Digital Communication:** HART® protocol. for remote programming and information transfer.

**SuperMini™** is HiTECH's new smart OEM compact ultrasonic level transmitter using innovative **SonicLaser™** technology, that is easily setup with its "simple-touch" magnet calibration or through the process industry standard HART® protocol (optional).

The **SuperMini™** compact smart transmitter includes the latest version of the field proven process adaptive signal processing software to identify and validate the surface signal.

HiTECH's **SuperMini™**, utilizes innovative, patented, **SonicLaser™** technology; the best available ultrasonic level measurement system on the market today. Presently there are over 20,000 narrow beam **SonicLaser™** sensors successfully operating worldwide, in various harsh industrial environments.



\* Digital communication HART® protocol version only.

**HiTECH Technologies, Inc.**

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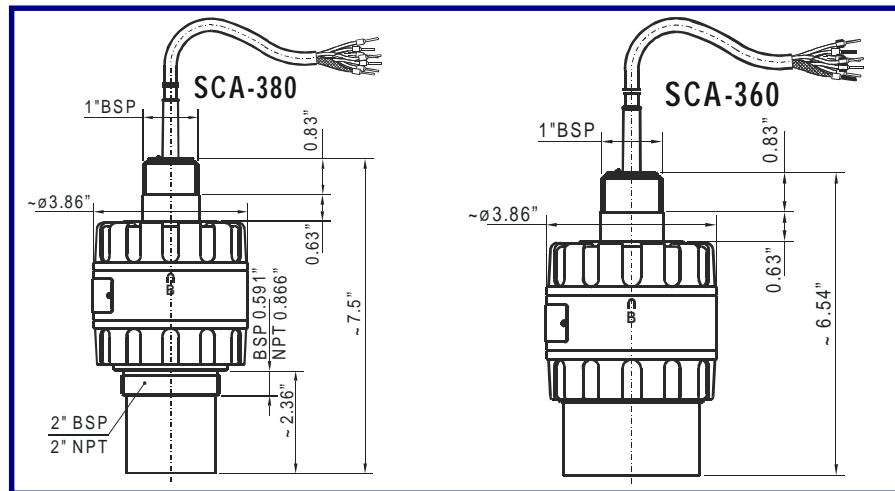
## SuperMini™ SonicLaser™

SMART OEM LEVEL TRANSMITTER

### SPECIFICATIONS

Model SCA-3xx-x

Type	SCA-36x-x	SCA-38x-x
Measurement Range	1 to 33 feet	1 to 20 feet
Total beam angle	5 °	
Ambient Temperature	- 22 °F to + 140 °F	- 22 °F to + 140 °F
Process Temperature		- 22 °F to + 176 °F
Accuracy	± 0.2% of measured dist. +0.05% of range	
Damping	10 sec, 30 sec, 60 sec (programmable)	
Supply / Consumption	10.5 to 40 V DC / 3.6 W or 10.5 to 28 V AC / 4 VA	
Outputs	Analog 4 to 20 mA isolated Relay SPDT 250 V AC @ 5 A Digital HART® protocol (optional)	
Materials	Polypropylene	
Enclosure	NEMA 4X & 6 (IP 68)	



### PERFORMANCE GUARANTEE

Since 1986, every instrument sold by **HiTECH** has been guaranteed to perform in the application it originally was engineered and recommended for. Our company policy remains the same, every product sold comes with a written performance guarantee.

Should the equipment be unable to perform satisfactorily in your application and we are not able to correct the problem, we will accept the instrument in return and issue full credit.

This performance guarantee is valid for 60 days. Thereafter, our standard limited two year factory warranty goes into effect.

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