

Devantech SRF485 Sensor R315-SRF485 \$42.50

The SRF485 is a single transducer ultrasonic ranger that uses a RS485 serial interface. The sensor has a built in voltage regulation system allowing input power between 8 V to 24 V. The sensing range is from 30 cm to 5 m (~1 ft to 16.4 ft).



The SRF485WPR is based on the SRF02 design with a RS485 serial interface. Multiple sensors (maximum of 127) can exist on a RS485 network once the device address is changed for each ranger. Every SRF485 is programmed at the factory with a unique 24 bit address. The address is written on the sensor PCB.

Programming through-holes

There is a set of 5 through-holes on the board used during manufacture to program the microcontroller. Do not connect anything to these through-holes as this will interfere with the range finder's operation.



Specifications	
Voltage	8.0 V to 24.0 V
Operating Current	10 mA
Minimum Range	30 cm (11.8 in)
Maximum Range	5 m (16.4 ft)
Temperature Compensation	-30° to 50° C
Connection Type	RS485 Serial, 38400 baud, 1 start, 2 stop, no parity

