

Backup Sensors



Waterproof Sensor Reversing System

CXS-112-W

The CXS-112-W includes 4 sensors that mount to the vehicle's bumper and warn operators of potential obstacles up to 8ft away. The entire system is waterproof, allowing for the installation of all components outside the vehicle. Whenever an object moves into the detection range, an alert message and a loud tone will be transmitted twice or until the operator takes the vehicle out of reverse. These intelligent sensors automatically ignore stationary objects such as truck steps and are integrable with RVS camera systems.



■ WATERPROOF

All components of the CXS-112-W are waterproof, allowing you to install the control module outside the vehicle.

■ LARGE DETECTION ZONE

The CXS-112-W warns of obstacles behind the vehicle with a detection range of up to 8ft.

■ SIMPLE INTEGRATION

This waterproof backup sensor system easily integrates into certain Rear View Safety camera systems. Distance from the obstacles can be displayed on a monitor.

Optional Add-ons:



Enhanced Sensor Mount - RVS-SE-K

These mounts offer a rugged housing for four sensors. Protect your systems against rough handling, roadwear, construction sites and other conditions that might affect your investment in safety. These mounts also add versatility to your installation. Mounts can be installed horizontally or vertically.



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Sensors	
Sensor Type	Analog Sensor
Sensor Quantity	4 Sensors
Sensor Frequency	40kHz +/- kHz
Waterproof Rating	IP68
Static Capacitance	2000± 15%pF
Input Voltage max.	140 Vp-p (at 40KHz)
Decay Time	<1.2ms
Decay Parameter	20±3 (Admissible parameter)
Echo Sensitivity	>200mV
Horizontal Angle	51°
Vertical Angle	62°
Detection Range	0.22mm (0.08ft) to 2.5m (8ft)
Working Voltage	10.0 ~ 28.0 VDC
Rated Current (ECU)	60mA max
Wiring Harness	Vehicle Spec. T-Piece
Working Temperature	-40°C ~ +75°C
Storage Temperature	-40°C ~ +90°C

Waterproof Control Module	
Normal Voltage	12 VDC
Operating Voltage	1.0 ~ 28 VDC
Rated Current	60 mA
Operating Frequency	40 +/- 1 kHz
Housing Material	ABS
Housing Color	Black
Working Temperature	-40°C ~ 75°C
Storage Temperature	-40°C ~ 90°C
Waterproof Rating	IP65