

Street Machine 2™

Street Machine 2™ Radio Receiver

Mueller SYSTEMS

Features

APPLICATIONS: The Mueller Systems Street Machine 2™ is a high performance, vehicle based AMR receiver. It is designed to collect water meter data via radio frequency while driving a meter route at posted speed limits. The complete Hot Rod® Mobile AMR Kit System includes the radio receiver, data collection software, dual antenna, Pit Stop 2 and all cable connections. Implementation of a mobile meter reading solution like the Hot Rod® system insures significant performance improvements in meter reading efficiency, customer satisfaction and cash flow for utilities.

OPERATION: The Street Machine 2 can be temporarily or permanently mounted in any vehicle. Once initialized, it operates silently in the background and transfers data to a computer of the utility's choice. The Street Machine 2 receives data on multiple discreet frequencies for secure and reliable data processing. During the reading process, the operator can view route progress screens including the number of meters remaining to be read, collected meter readings and meter status data. At the end of the day, the data is downloaded to the EZ Reader™ route management software and uploaded to the utility's existing billing system with a few clicks of a mouse. A standard series of reports are available for viewing performance of the system.

MAPPING: The Mapping Tab is not only the most popular but the most efficient and convenient way for meter readers to view their route data. Within the mapping tab, a physical representation of the geographical area being read and the meter locations are displayed. Each meter location is based on GPS Lat/Long coordinates. Each meter location is visually depicted on the map using blue dots. As the operator selects *Start Reading*, these blue dots will begin to disappear as meter data is retrieved. If there is an Instant Data Logging alarm associated with a specific meter location (i.e. leak), the blue dot will turn to a red dot instead of disappearing prompting the meter reader to take action while in the field if so desired.

PERFORMANCE: The Street Machine 2 receives power through the USB cable attached to the laptop. A magnetic dual antenna on the vehicle's roof provides the powerful interface for reception of all RF communication from Mueller Systems Hot Rod® radio transmitters. Meter information is transmitted every 3 seconds to insure continuous high performance data capture on multiple receiver channels of the Street Machine 2. The meter reader collects all RF data by simply driving past the meters (Please! posted speeds only though you'll feel you could go much faster).

CONFORMANCE TO STANDARDS: The system is FCC Certified for operation in the United States. It is fully compliant with FCC Part 15 and no FCC license is required for operation.



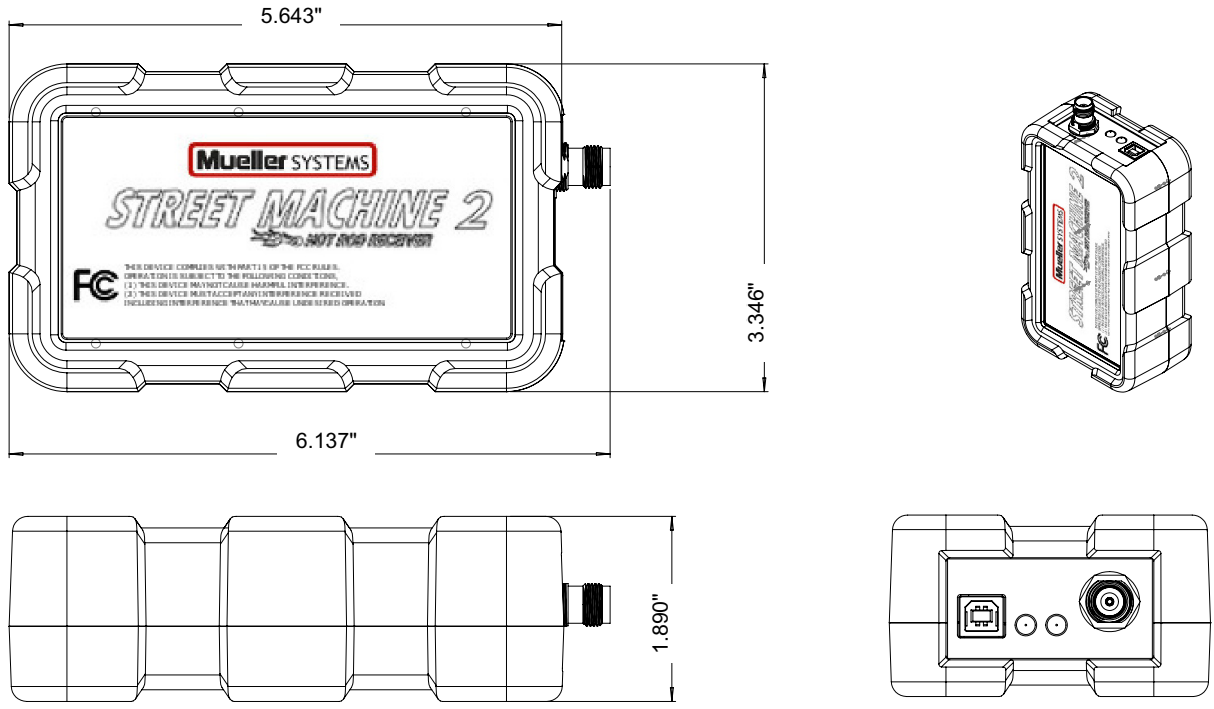
Street Machine 2™

Materials and Specifications

RADIO FREQUENCY	Operates on 902 to 928MHz (No FCC license required)
PC OPERATING SYSTEM	Windows®
OPERATING SOFTWARE	EZ Reader Route Management
RECEIVER POWER SUPPLY	Powered via USB connection to laptop; 12VDC
RECEIVER DIMENSIONS	L: 6.137" W: 3.346" H: 1.890"
RECEIVER WEIGHT	.6 lbs
ANTENNA HEIGHT	35" Magnetic Mount
ONE WAY COMMUNICATION; FCC LICENSE EXEMPT	
OPERATING TEMPERATURE	-40°F to + 122°F (-40°C to + 50°C)
STORAGE TEMPERATURE	-40°F to + 176°F (-40°C TO + 80°C)

CONSTRUCTION: The Street Machine 2™ receiver is small, lightweight and encased in rugged thermoplastic enclosure. All internal electronics are shielded against electro-magnetic interference. Connection to a laptop of the utility's choice is accomplished via the USB connection located on the back of the unit. All connections are clearly marked for operational efficiency and ease of installation. LED lights confirm power and data reception status.

Street Machine 2™ Dimensions



Street Machine 2™ Antenna Base Dimensions

