Neptune’s ARB® FixedBase™ AMI System is an advanced, highly robust, two-way fixed network meter reading solution that delivers comprehensive usage information through a secure, long-range wireless network. ARB FixedBase AMI provides the timely, high-resolution meter reading that enables water utilities to eliminate on-site visits and estimated reads, reduce theft and loss, implement Time-of-Use billing, and profit from all of the financial and operational benefits of fixed network automated reading and billing.

An integral part of the ARB FixedBase AMI System is the R450™ Mini Collector (R450 MC). The R450 Mini Collector is the perfect complement to the R450™ Data Collector and can be deployed as part of the infrastructure of the ARB FixedBase AMI System.

While supporting the two-way functionality of the ARB FixedBase AMI System, the R450 MC has also been designed for flexible deployment. A solar power option simplifies the deployment process by eliminating the dependency on AC power availability.

The R450 MC maximizes installation flexibility by offering roof-mount and pole-mount options to simplify the process of finding installation assets.

With backhaul options such as GPRS and wired Ethernet, the R450 MC also provides you with flexible and reliable choices on how you want your data delivered.

**KEY FEATURES**
- Two-way communications
- Multiple backhaul options
- Supports priority alarms
- Solar power option
- NEMA enclosure
- Eight-hour battery backup

**KEY BENEFITS**
- Multiple power options
- Flexible mounting options
- Improved customer service
  - Priority alarms
  - Hourly usage/consumption data
- Best life cycle value
Mounting Examples

Dimensions

- Environmental
  - -22°F to +140°F (-30°C to +60°C) operating temperature
  - -40°F to +158°F (-40°C to +70°C)
  - Operating Humidity of 0 to 95% non-condensing
  - NEMA enclosure
- Frequency
  - Licensed 450 to 470 MHz
- Power
  - 110-240V AC
  - Uninterruptible Power Supply (UPS)
  - Solar Power
- Backhaul Options
  - GPRS (standard)
  - Ethernet
- Pole top installation (can also be mounted on towers, billboards, rooftops, or buildings)
- Weight: 35 lbs (total weight varies depending on power option)