



AMI Solutions

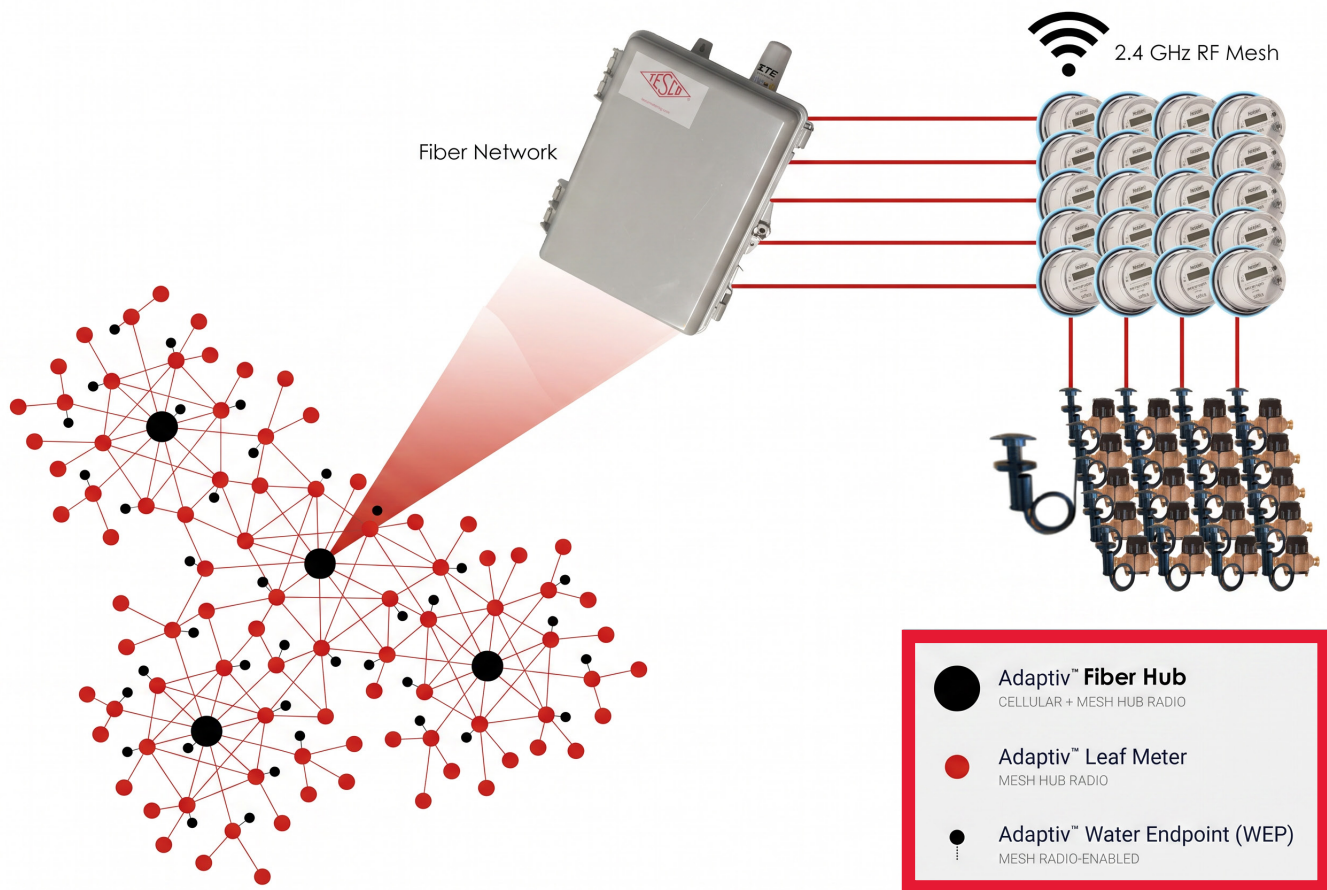
Reliable Results. Every Meter. Every Time.



925 Canal Street, Bristol, PA 19007
• 215.228.0500
• tescometering.com

AMI Solutions

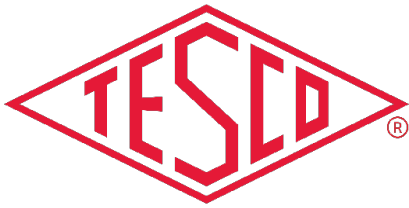
FiberHub



The TESCO AMI Fiber Hub is ideal for utilities who have mostly fiber throughout service territory. It utilizes high bandwidth backhaul for one HUB per cluster of greater than 20 LEAF devices and the LEAF devices provide up to four hops to maximize coverage. It has a maximum HUB capacity of 150 LEAFs.

TESCO AMI is designed to simplify utility deployments by eliminating one of the most common barriers to successful

rollouts: cellular connectivity limitations. At the core of this approach is TESCO's Universal AMI SIM Card, which enables reliable cellular communication across available networks without locking utilities into a single carrier. By automatically leveraging the strongest available coverage in a given area, the Universal AMI SIM Card reduces deployment risk, simplifies planning, and ensures consistent data communication across diverse and remote service territories. The result is a more resilient, scalable AMI solution that lowers operational complexity while improving long-term reliability.



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Product Information Sheet



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FiberHub

*Flexible Installation and
Deployment PLUS Lower
Operational Costs*

TECHNICAL SPECIFICATIONS

Power Supply: 120/240 VAC input with a locking power cord

Size: 15.5" x 10" x 6.875" (compact for wall or pole mounting)

Operating Temperature: -4°F to 149°F (-20°C to +65°C)

External I/O: 12V DC output for downstream devices (optional)

Network Connection:

- **Primary Uplink:** RJ-45 Sealed Connector – 100Base-TX Ethernet
- **Future Expansion:** Support for cellular-based uplink to replace fiber if needed

Mesh Communication:

- 2.4 GHz RF Mesh Antenna (Supports greater than 20 LEAF devices per hub)
- Supports up to three (3) hops to maximize coverage

Processor: ST Micro STM32F767ZIT6 (Supports firmware updates over-the-air)

Security & Encryption: End-to-end encryption for data security

Battery Backup: 10-minute rechargeable backup for last-gasp outage transmissions

LED Status Indicators: Power, network uplink, & alarm status

