SiteSync IQ®
Remote Transmitter

FEATURES

- **2 Year Warranty**
- Internal clock accuracy of ±1 minute per year
- Guaranteed coverage with one transmitter
- Ethernet sync
- Automatic Daylight Saving Time & Leap Year correction
- Control of up to 6 optional wireless signal circuits
- 100% FCC compliant
- Available with 5, 10, 25 and 40 watt internal transmitters
- Time Zone clock support for up to 8 unique time zones

SYSTEM CONTROLLER SPECIFICATIONS

Input voltage:	100-240vac, 50/60 Hz
Peak input power:	41W-SSQRTM-05; 65W-SSQRTM-10 120W-SSQRTM-25; 160W-SSQRTM-40
Nominal power:	21W-SSQRTM-05; 26W;-SSQRTM-10 39W-SSQRTM-25; 45W-SSQRTM-40
Fuse: (input power)	5 amps, 250vac, Subminiature
Standby timekeeping:	10 years
Memory/Time backup:	CR2032 lithium battery, 240 mAh capacity
Timekeeping accuracy:	±1 minute/year without correction from Ethernet time reference
Program retention:	Unlimited
Programmable Events:	9,999 events total
Schedules:	99 maximum
Signal duration:	Programmable 1-9 seconds or continuous On
Physical dimensions:	$2\frac{3}{4}$"h x $16\frac{5}{8}$"w x $13\frac{1}{16}$"d
Temperature range:	32˚-140˚F (0˚-60˚C)
Mounting:	Desktop or rack mount
Communication:	Ethernet
Shipping weight:	15.2 - 25.3 lbs. (configuration dependent)
RF frequency range:	450-470 MHz
Channel Spacing:	12.5kHz

Optional Rack Mount Kit
Part # H004137
Kit Includes: 2 ears, Installation Instructions Sheet
Consruction: 18 gauge steel
Finish: Powder coated black

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ORDERING INFORMATION

The following table shows the options included with each model number. The two digits following the dash in the model number indicate the power of the transmitter (05=5 watt, 10=10 watt, 25=25 watt and 40=40 watt). The A in the model number designates the transmitter antenna type. **Note:** Change to an X for campus antenna and an N for mag mount antenna.

Model No.	Ethernet	0 Signal Circuits	6 Signal Circuits
SSQRTM-05A0E	X	X	
SSQRTM-10A0E	X	X	
SSQRTM-25A0E	X	X	
SSQRTM-40A0E	X	X	
SSQRTM-05A6E	X		X
SSQRTM-10A6E	X		X
SSQRTM-25A6E	X		X
SSQRTM-40A6E	X		X

Examples: SSQRTM-05N0E has 0 signal circuits with a 5 watt transmitter and magnetic mount antenna
SSQRTM-40X6E has 6 signal circuits with a 40 watt transmitter and a campus antenna

SYNC SOURCE

Ethernet: Ethernet provides time synchronization via Simple Network Time Protocol (SNTP) or Daytime Protocol from Internet Time Servers or an internal Network Time Server.

Ethernet is also used for accessing the the Remote Transmitter Connect web server to access the configuration menu, event programming, circuit selection and activation and other system features remotely accessed via web browser from a computer.

MAGNETIC MOUNT ANTENNA H001263

Antenna Specifications

- 3/4" style chrome magnetic base with 12' of RG58A/U
- Magnet is rated at 90 lbs. pull strength
- Frequency range: ..... 450-470 MHz; Center frequency: 460MHz
- VSWR:..... <1.5:1 850KHz <1.5:1 10MHz
  <2.0:1 1.5MHz <2.0:1 20MHz
- Size: ..... Antenna length: 3 1/2"h / 2 3/4"w
  Antenna unattached: 35/8"h
  Total height assembled: 4 1/4"h
  Base diameter: 3 3/16"
- Maximum power: ..... 150 watts
- Impedance: ..... 50 ohms
- Polarization: ..... Vertical
- Antenna mounting: ..... 3/4" screw base
- Termination: ..... Male BNC-type connector
- For indoor and outdoor use

CAMPUS ANTENNA H002978T

Antenna Specifications

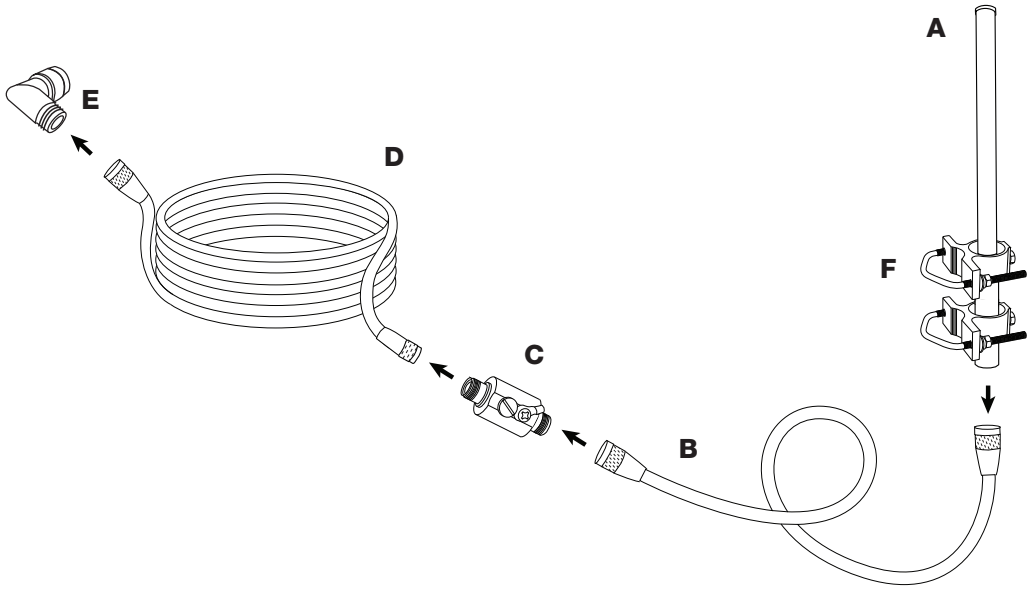
- Frequency range: ..... 450-470 MHz
- VSWR: ..... <1.5:1
- Nominal gain: ..... 0 dBd
- Nominal impedance: ..... 50 Ohms
- Polarization: ..... Vertical
- Pattern: ..... Omni-Directional
- Antenna lighting protection: ..... DC ground
- Termination: ..... N-Female connector
- Height: ..... 25"
- Width: ..... 1 3/8"
- Weight: ..... 0.85 lbs.
- Rated wind velocity: ..... 125 mph
- Rated wind velocity w/0.5" radial ice: ..... 85 mph

Lightning Arrester Specifications

- Breakdown voltage: 350vac
- Protection: ..... 5000 Amps
- Maximum power: ..... 1000 watts (0-1000 MHz)

Kit Includes:

A. Heavy-duty, outdoor type 26 in. fiberglass antenna
B. 10 ft. COAX cable
C. Lightning Arrester
D. 50 ft. COAX cable (plenum rated option available-H002978TP)
E. N female to N male right angle adapter
F. Mounting kit



At American Time, we continually strive to improve our products to meet our customers' needs and to provide the best possible value. The above specifications are believed to be correct, are subject to change without notice and may otherwise vary from the above. Please call if you need verification of any specifications or the suitability of a particular product for a particular application.

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