

## Remote Monitoring & Control System

### Ethernet I/O

The Plus-X line of Ethernet I/O devices allows greater and more economical expansion than ever before.

### Transmitter Interfaces

The PlusConnect™ line of transmitter interfaces make connecting to today's most popular transmitters easy and budget-friendly.

### AutoPilot®

Use the optional AutoPilot software with Warp Engine™ polling for fast, efficient management of a single site or up to hundreds of ARC Plus and ARC Solo systems.

### Captures

Store months of channel values and alarm states for later download to AutoPilot for logging and analysis.

### Telephone Access

Dial in from anywhere. New with Version 5, the optional RSI Recordable Speech Interface adds custom vocabulary.

### Upgrade on your Terms

Cross platform control with AutoPilot and easy, affordable adapters to your existing wiring allow you to upgrade your existing system on your timeline and budget.



- IP-based broadcast remote control for exceptional scalability
- Easy operator access via front panel, web, PC software, smartphone or telephone
- Email alerts and selective alarm reporting allow efficient fault resolution
- Ready for expansion—scales to 256 metering and status channels, 256 relay pairs and 512 virtual channels

### The Industry's Most Powerful Remote Control

The ARC Plus Touch brings power, flexibility and efficiency to IP-based broadcast remote control. Taking advantage of the scalability of IP and offering innovative options for I/O hardware connectivity, the ARC Plus Touch connects an unlimited number of sites, each with up to 256 channels of metering, status and command.

### IP-Based Control Built for the Realities of Broadcast

Bandwidth-friendly, the ARC Plus Touch is optimized for real-world broadcast links, eliminating the need for costly legacy solutions.

### Efficient, Flexible Alarm Notification

Alert appropriate personnel with selective alarms. Targeted alerts via email, SMS, or telephone assure the proper response.

### Better Access than Ever Before

The ARC Plus Touch supports a wide range of operator access options. The convenient touch screen makes monitoring and control simple. The built-in web interface allows access from any PC without installing software. Mobile access is possible using the mobile web interface or optional telephone interface. PC-based management using AutoPilot supports IP links and legacy dialup connections.

### Built-in Support for Jet™ Active Flowcharts

The Jet Active Flowcharts option makes intelligent automatic site control easier than ever. Create automatic functions quickly by drawing simple flowcharts—no code required. Automatic functionality is built into the ARC Plus Touch, eliminating the need for a full-time PC connection.

# Accessories

## AutoPilot®

AutoPilot merges the robust performance of the ARC Plus Touch with the power and convenience of PC-based facility management.

## RSI Recordable Speech Interface

Users can access the ARC Plus Touch via an optional telephone interface. New with version 5, the RSI allows user recorded phrases to be added to the standard vocabulary.

## Plus-X I/O options

All Plus-X units connect to the ARC Plus Touch via Ethernet, providing control and monitoring far away from the remote control unit.

## Plus-X Integrated Input Unit

Each Plus-X Integrated Input Unit connects 16 metering and up to 32 status channels.

## Plus-X Integrated Command Relay Unit

Each Plus-X Integrated Command Relay Unit facilitates the connection of up to 16

command channels (8 raise/lower pairs or 16 individual relays).

## Plus-X AC-8

The Plus-X AC-8 eight remote outlet controller makes it easy to manage power to 120V equipment at remote locations.

## Plus-X 300

The Plus-X 300 eight-channel I/O interface adds eight metering or status inputs and eight relay outputs to any ARC Plus Touch remote control system.

## Plus-X 600

The 1RU Plus-X 600 I/O interface adds 16 status, 8 metering and 6 raise/lower pairs or 12 individual relays.

## Plus-X EM Series

The Plus-X EM32 and EM64 monitor temperature and other environmental conditions. Digital sensors can be located far from the equipment.

*For a full list of accessories, visit [www.burk.com](http://www.burk.com).*

# Specifications

## Touch Screen:

Bright, full-color LCD touch screen provides easy access to all functions.

Status and metering are clearly displayed and outputs and macros are easily operated from the front panel.

## Alarm Indicator:

A bright two-color LED provides an immediate indication of alarm conditions which can then be accessed quickly on the touch screen.

## Dimensions:

3.5" (8.89cm) H  
19" (48.26cm) W  
12" (30.48cm) D

## Operating Temperature/Humidity:

0° to 40° C; 5 to 85% RH

## Power Requirements:

100 to 240VAC, 47-63Hz, 1A;  
Power entry module with standard, grounded power cord supplied;  
1A fuse protection

## Memory:

Non-volatile flash memory stores user-configuration data for 20 years without power; Battery-backed real-time clock retains date/time information for 25 years.

## Communication Ports:

RJ45 jack for 10BaseT Ethernet;  
DB9 RS232 port for optional dialup modem or serial connection

## Note:

Version 5 does not support direct connection to ARC-16s. AutoPilot is the preferred connection method for legacy systems.

## About Burk Technology

Burk Technology leads the industry in transmitter remote control and monitoring, offering innovative approaches to total station control and operation.

Founded in 1985, Burk Technology's sole objective is to build facility management and remote control systems that appeal to stations of all sizes around the world.

Today the company's solutions are considered to be "best-in-class" and continue to evolve, anticipating economic, regulatory and technological changes.