

Remote Monitoring & Control System

Built-in I/O

With the wiring interface on the rear apron, there is nothing else needed to connect to your equipment.

Web and Smartphone

Browse to the built-in web page for complete control and monitoring of your site.

AutoPilot®

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

Telephone Access

Dial in from anywhere. The included RSI Recordable Speech Interface gives you control from any phone.

Email Notification

Find out immediately if you have a problem. Each alarm can be directed to specific personnel for corrective action.

Lightweight IP

Low bandwidth requirements make it affordable to use IP even when ISPs are not readily available.



- IP-based broadcast remote control
- Easy operator access via web, PC software, smartphone or telephone
- Email alerts and selective alarm reporting for efficient fault resolution
- 16 meters, status and relays, all available on the rear apron for a complete, single unit remote control

Powerful Remote Control Made Simple

The ARC Solo includes many of the powerful features of the ARC Plus while offering the simplicity of a self contained remote control unit.

IP-Based Control Built for the Realities of Broadcast

Like the larger ARC Plus, the ARC Solo is bandwidth-friendly and 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.

Built-In Telephone access

Burk's new Recordable Speech Interface is built right in for dial-in, dial-out access.

Access from Anywhere

The ARC Solo includes a built-in web server, allowing access from any PC, smartphone or tablet without installing software. PC-based management is available using the optional AutoPilot® software.

Automate with Jet™ Active Flowcharts

Intelligent automatic site control is available using Jet, included with ARC Solo. Automatic functionality is built into the ARC Solo, eliminating the need for a full-time PC connection.

Self Contained for Easy Installation

The built-in wiring interface means nothing else to buy or install. Just hook up the meter and status inputs, on-board relays, telco and LAN.

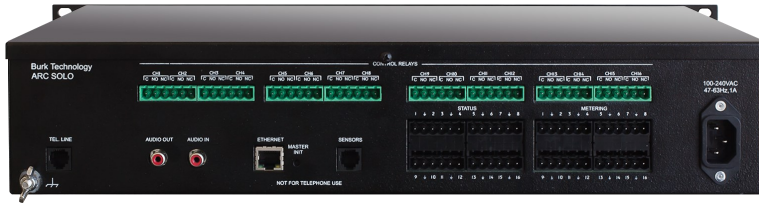
Accessories

AutoPilot®

Manage one or more ARC Solo Remote Control Units with AutoPilot® PC software. Permits one computer screen to incorporate data from remote controls of different types.

BTU-4

The BTU-4 allows monitoring of up to four temperature sensors from any remote control system.



TS-1

The TS-1 Transient Suppressor provides surge suppression for your dial-line equipment. Recommended for use with the RSI speech unit included in the ARC Solo.

For a full list of accessories, visit www.burk.com.

Specifications

Dimensions:

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

Operating Temperature:

0° to 40° C

Power Requirements:

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

Channels:

16 status, 16 metering, 16 relays

Metering Input Range:

-10 to +10VDC
> 99.75% accuracy, full scale

Status Input Range:

0 to +28VDC or switch closure
<.5 VDC = ON; >2.1VDC = OFF

Relay Contacts:

Form C;
momentary or latching;
max 5A, 240VAC

Front Panel Indicators:

Red/Green LEDs for Alarm, Remote;
Power indicated by any lit LED

Front Panel Control:

Remote (maintenance lockout)

Rear Panel Connections

Combicon:
16 Relay Contacts (48pins)
16 Status Inputs (24pins)
16 Meter Inputs (24pins)
RJ-11: Telco
RCA Phono: Audio Out, Audio In
RJ-45: Ethernet
RJ-11: Sensors (future)
IEC: Power

Communications:

Ethernet, Web Server, Dial-up

Telephone Interface:

RSI Recordable Speech Interface built-in.
Includes standard broadcast vocabulary
plus ability to record custom phrases

Automatic Functions:

On-board automatic functions with Jet™
Active Flowcharts, included.

Email :

10 email lists of up to 20 email addresses
each

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.