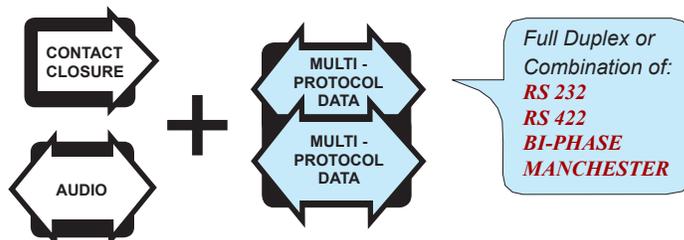


## Aiphone/Dukane Intercom System with 2 Channels of Multi-Protocol, Bi-directional Data



### FEATURES:

- Surface Mount Technology (SMT) for High Reliability and Repeatability
- Hot Swappable Cards
- Laser Based Back-Biased Photo Detection Circuitry for Stable Optical Output Over Full Temperature Range (Singlemode)
- ST™, FC Optical Connector
- 10 Hz to 15 KHz Audio Bandwidth
- Single Direction Contact Closure
- Digital Transmission technology
- SpectraSmart™ Compatible
- Meets NEMA TS1/TS2 and Caltrans Specifications
- Utilizes Switching, Internal Power Supplies
- LED Status Indicators Provide Rapid Indication of Critical Operating Parameters
- Automatically Resettable Solid-State Current Limiters on All Power Lines: Provides Equipment Protection
- Wide Optical Dynamic Range: Optical Attenuators are Never Required
- Bi-directional, multi-protocol data channel (RS-232, RS-422, RS-485, Bi-phase, Manchester)
- DB25F connector for audio, contact and data signals

### DESCRIPTION:

The ST/SR-1B2G1C/1B2G series products incorporates an all-digital transmission technology that transmits/receives intercom-compatible fiber optic audio and bi-directional, multi-protocol data over one multimode or singlemode fiber. This product family supports intercom products from both Aiphone and Dukane. A push-to-talk contact is also included from the door panel to the entry control panel. The product's capabilities are further enhanced with its compatibility with Meridian's optional PC based SpectraSmart Network Management and diagnostic software system. SpectraSmart supervises the operating parameters of the transmission systems such as status of the digital carrier signal, voltage, temperature, audio, optical levels, etc. See SpectraSmart brochure for more details.

#### Optional features include:

- Video transmission
- Additional bi-directional audio channel

### CONFIGURATIONS:

The ST/SR-1B2G1C/1B2G product family is available as rack mount cards that can be installed in all of Meridian's card chassis, desk chassis and 19" racking frames. This system can be configured in either star (module to rack) or trunking (rack to rack) configurations. This product requires no user adjustments & features superior quality and performance.

### MARKETS:

- √ Security and Surveillance
- √ Intercom Systems
- √ Nurse Call Stations
- √ Residential Intercom

