Interfaces 101

Interfaces provide connectivity for the drawers to virtually any POS device (printer, terminal, tablet etc.) in the industry.
Interfaces 101

- Interfaces that allow you to plug into virtually any POS device
- Both hardwired and detachable, MultiPRO® cables are available for connecting to any POS printer
- Ethernet and Bluetooth interfaces are available for mobile environments
- USB, Serial, and parallel computer interfaces are also available.
Interface Guide

How do I connect my Cash Drawer?
What does your POS software recommend?

Receipt Printer/Terminal
- MultiPRO® Interface
  - 320 - 24vdc
  - 420 - 12vdc
  - 520 - 12/24vdc

Serial
- SerialPRO® Interface (212A)
  - Programmable Serial Interface
- SerialPRO II® Interface (484A)
  - Dedicated Serial Interface

USB
- USBPRO™ Interface (554A)

Ethernet
- NetPRO® Interface (470)
- NetPRO® Interface (480)
- NetPRO® Interface (490)

Bluetooth
- BluePRO® Device (510)
Why would I choose one connection type over another?

- **Printer Driven Interface**
  - Lowest cost electronic interface
  - Easy connection
  - Most POS packages have this option

- **Serial – COM port**
  - POS software requires it
  - A printer is not included in the POS package

- **USB**
  - POS software requires it
  - A printer is not included in the POS package
  - Works well with MAC computers

- **Wired Ethernet**
  - Mobile environment
  - Multiple tablets and drawers
  - “Thin” environment
  - POS package requires it

- **Wifi Ethernet**
  - Full mobility is desired
    - No wired cable drop
    - Requires 110v outlet
    - Move drawer as often as the store changes
    - Power over Ethernet (PoE) available

- **Bluetooth**
  - One to one relationship with drawer and mobile device
  - No Ethernet required
NetPRO® Ethernet Interface for cash drawers are available in both wired and wireless configurations and communicate with retailer’s mobile POS devices for cash drawer control.
NetPRO® Interface: Asset Management

**Features:**

- Cash Drawer usage statistics stored in non volatile memory
- Battery back-up for an estimated 10 year life
- On-board statistics help optimize useful life of each of the drawers
- Device name and service data can be written to the device header
- Remote access to the drawer data helps established maintenance schedule
- Reporting possible on the above features
- Remote tech support
BluePRO® Bluetooth Device

Features:

• Wirelessly synchronizes a mobile device and cash drawer within a personal area network

• Accepts connection from a printer-kick cash drawer so it can be paired with a mobile device

• Pairing is achieved when the tablet is placed within three feet of the Bluetooth controller

• The cash drawer device requires the use of a power adapter which is included

• APG provides demonstration applications for Android, iOS, and Windows

• The BluePRO® Bluetooth External Device is MFi certified for iPhone, iPod, and iPad

*Visit www.cashdrawer.com for more info
BluePRO® Bluetooth Device

Mobile “Queue Busting” Device
Supports Bluetooth-Enabled Peripherals

Wireless Personal Area Network via Bluetooth IEEE 802.15

Bluetooth-Enabled Cash Drawer Controller
Purpose-Built To Support One Cash Drawer Via ‘DK’ Port

Cash Drawer ‘Printer Kick’ (e.g. 237A)
APG’s 320 MultiPRO® Interface, 420 MultiPRO® II Interface, and the 520 MultiPRO® III Interface

A cash drawer can be connected to a POS system in many ways. The most common way is to connect a drawer to a receipt printer.

The MultiPRO® interface allows the drawer to be connected to many different POS printers by simply changing the external cable that is wired for that printer.

All POS printers have a RJ11 port commonly called a DK port for connecting the drawer. The printer can be connected to the POS system via USB, Serial, Ethernet and even a parallel port. The command to open the cash drawer is provided by the POS system to the printer.

Features:
Interface Guide: USBPro™ Interface

Features:

• A drawer can also be connected directly to the POS system by way of the USB port

• The USB (554A) interface is becoming more popular in retail terminals and it’s being written into the next generation of software

• Offers true plug and play capabilities

• Bus-powered USB cash drawer

• Includes the Windows Driver and Programmers guide

• Flexible and easy to integrate

• Provides higher security to your POS system

• Diagnostic lights assist in setup
Features:

• The programmable serial (212A) interface that is configured to open on very specific serial criteria

• A drawer can also be connected directly to the POS system by way of the serial port

• Dip switches offer selectable security levels and open codes

• Exclusive LED Diagnostics for easy installation.

• Can share the serial port with another device, even another cash drawer

• Supports the drawer status

• Power supply included
Features:

- A dedicated serial (484A) interface with easy configurability to fit the application
- Offers selectable security and open code levels
- No power supply required
- A power supply is provided for those applications if desirable
- Supports drawer status reporting
- May be opened every three seconds when the included power adapter is attached
- Exclusive LED Diagnostics for easy installation
Interface Guide: DirectPRO™ Interface

**Features:**

- The DirectPRO™ interface has a hardwired cable to connect to a specific POS device such as a POS printer
- Most economical interface solution available
- Cable attached to the drawer
- Drawer status switch is included
- Each drawer is wired to work specifically with the desired terminal or printer
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Thank you!