

# ShareTill™ Network Cash Drawer

## Installation User Manual

For technical support, please email:

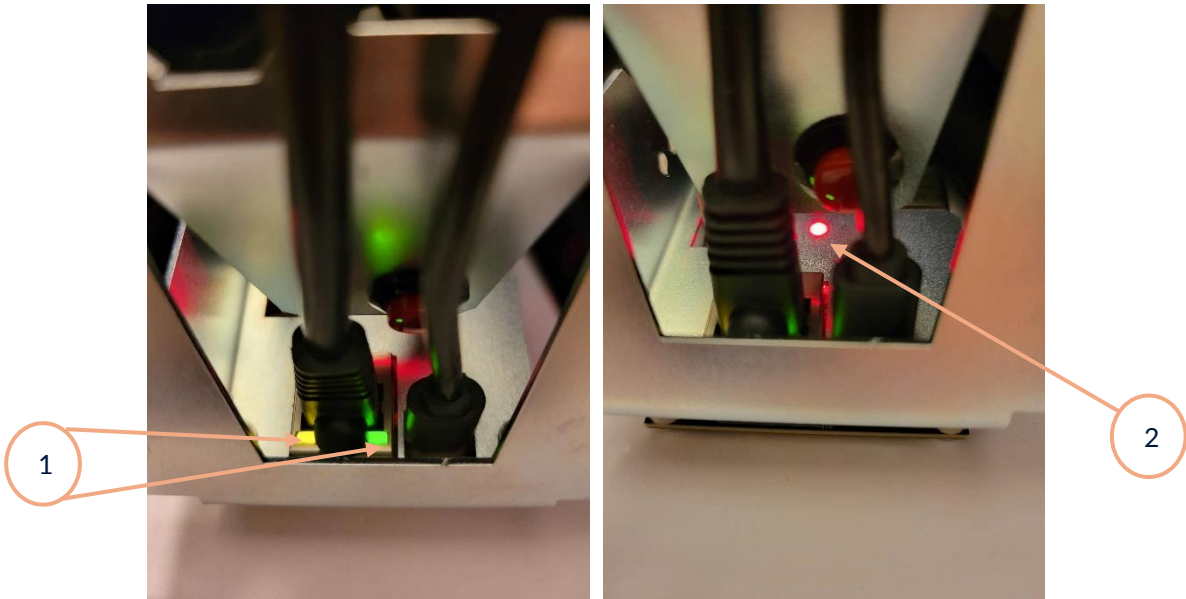
[support@apgsolutions.com](mailto:support@apgsolutions.com)

[www.apgsolutions.com](http://www.apgsolutions.com)

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## Overview

ShareTill™ is the newest, most capable cash drawer network interface from apg® Solutions. It allows point of sale systems to interface with the apg cash drawer over wired networks, wireless networks, and Bluetooth® technology. This allows the cash drawer to be shared by multiple PoS devices and removes the need for a receipt printer.



## LED Indicators

The LEDs are located on the bottom of the cash drawer, at the rear where the cables exit the drawer.

1. Network communication
2. Interface status

LED Color	Flashing?	ShareTill Mode	Description
Red	Yes	Wired	Board powered on; Waiting for address from DHCP server
Red	No	Wired	Address received. Waiting for client connection
Red/Green	Alternating - Fast	Wired	Indicates that reset button has been held for required 10 seconds (i.e., board is ready to reset)
Red/Green	Alternating	Wireless	Attempting to connect to Wi-Fi router
Red	No	Wireless	Connection to Wi-Fi router established
Red/Green	Alternating	Wired/Wireless	Firmware upload in progress
Green	No	Wired/Wireless	TCP client (PoS) is connected
Amber	No	Wire/Wireless	Cash drawer is open

Note: If the ShareTill is operating in wireless mode the LEDs will toggle alternating Red and Green if an incorrect Wi-Fi SSID and password have been detected. In this case the reset button must be pressed for more than 10 seconds to reset the drawer to wired mode. This allows the user to setup the drawer and correct the Wi-Fi connection details.

# What's in the box

Included within the box you will find:

- One apg cash drawer (several models are available with the ShareTill interface).
- One USB type C to USB type A cable for cash drawer power (Note; Cable is not needed for Power over Ethernet [PoE]).
- One USB wall charger.
- One CAT-5 network cable for network communication.

# Hardware Installation

## Connections

Steps to follow:

- Connect USB wall charger to the USB cable on the cash drawer (Skip this step if using PoE).
- Plug the wall charger into AC power socket (Skip this step if using PoE).
- Connect the network cable to the local switch or router (if configuring drawer for wireless communication, the cash drawer can be connected directly to a PC).

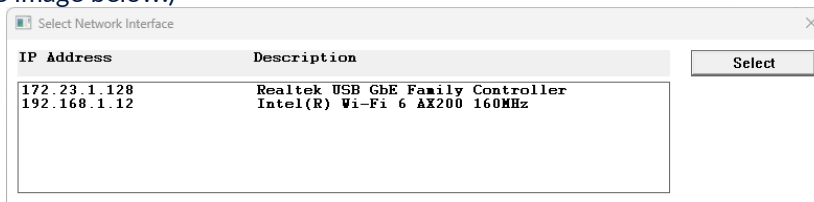
# Configuration

## Determining ShareTill device IP address

ShareTill is configured via a web browser. To initiate connection, the IP address of the device must be entered into the address bar in the browser. To determine the device IP address, a small utility app needs to be downloaded from the web. It is available here: [Discovery App download link](#). Unzip the files to a local folder on the PC and run the executable sharetill\_discovery.exe (See image below).



Click on the “UDP Scan” button (note: Windows may prompt for permission to allow the app to access the network. Please click “Allow”). If the environment has more than one network interface, The “Select Interface” may be used to select the correct one (see image below.)



After the scan is complete, the found ShareTill devices will be displayed in the app. Click on the desired device (note: the app will display all found ShareTill devices) and click on “Connect Selected” to open the default browser and connect to the ShareTill device (see image below).

Product Type	IP Address	MAC Address	Serial Number	Device Name	Firmware
APG Atwood	172.23.1.129	CC:7B:5C:2B:FC:A4	0002BFCA4	Project SHAREtill	Ver AT3.0.1.19

Buttons: Select Interface, UDP Scan, Connect Selected

## ShareTill Setup

### Setup 1: Create a password

Once the browser has connected to the device, the password creation page is displayed. A strong password must be created before configuration can begin. Once entered, the device will reboot.

### Step 2: Enter credentials

Enter a username of sharetill and the password created in step 1.

### Step 3: Settings

The home page for the ShareTill device is the Settings screen (see image below.)

**Settings**

Serial Number: 0002BFCA4 **TCP/IP**

Barcode: 5A1VY DHCP:

Product Name: APG Atwood DHCP Lease: 123

Firmware Ver: Ver AT3.0.1.19 MAC Address: CC:7B:5C:2B:FC:A4

Dev Name: Project SHAREtill IP Address: 172.23.1.129

DNS Host Name: ShareTill0002BFCA4 Command Port: 30998

Announce: Enabled Subnet Mask: 255.255.0.0

S3 SR: 0x14 - LISTEN Default Gateway: 172.23.0.57

**BLE**

BLE Level: Medium

**Mode**

Network Mode: Wired

**Wifi**

Wifi SSID: Linksys24

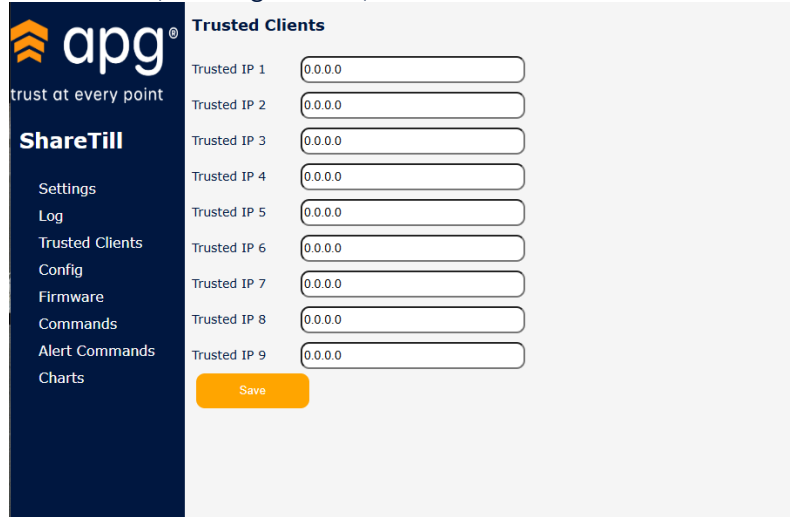
Wifi Password:

Save

From here, the device may be switched into different modes (Wi-Fi, Web Sockets, BLE, etc.), may be configured with a fixed IP address and TLS may be enabled (please contact the PoS supplier before enabling TLS to ensure it is supported.) NOTE: When Wi-Fi modes are selected, TLS will be automatically enabled to enhance security. TLS may be disabled by the user. A warning message will be displayed when de-selecting TLS in Wi-Fi mode.

#### Step 4: Setting up trusted client list (Optional)

ShareTill can maintain a list of trusted clients. If the trusted client list is populated, ShareTill will refuse PoS TCP connections from all other IP addresses (see image below.)



#### Step 5: Commands

The Commands page allows configuration of ShareTill settings that are related to cash drawer functionality (enabling and disabling of the audible alert [buzzer], initial setting of log date/time, etc.), setting of a BLE pin (if BLE will be used) and testing the drawer (Open Drawer and Query Status).

Note: It is highly recommended that the Set Log Time should be performed when the device is powered on. The device will attempt to get its date and time from an NTP server, when possible, but setting the date and time is still recommended.

## Operation

ShareTill equipped cash drawers require integration with the PoS software. Once properly configured with the PoS, operation will be controlled by the PoS controller.

ShareTill can be controlled by the web portal via the Commands screen. The Open Drawer button will command the cash drawer to open, and the Query Status button can be used to check if the drawer is open or closed.

Note: The ShareTill web commands, like opendrawer will not operate when a POS system is connected to the command port. The user will be informed that the command is disabled while a POS system is connected.

## Troubleshooting

ShareTill uses its dual-colored LED to indicate status of the device. The meanings of the colors and flashes are described in the overview section of this document. Please refer to this table when attempting to troubleshoot the device.

The table below lists common issues and steps to resolve. If these are unsuccessful in resolving the issue, contact apg technical support for assistance. [support@apgsolutions.com](mailto:support@apgsolutions.com)

Issue	Possible Cause and Remedial Actions
Discovery app cannot find ShareTill cash drawer	<ul style="list-style-type: none"><li>• Check to ensure drawer is powered on (check for red LED).</li><li>• Check that network wire is connected and the network communication LEDs are on.</li><li>• If your computer has a wired and wireless interface, select wired interface in Discovery app and rescan</li></ul>

Issue	Possible Cause and Remedial Actions
	<ul style="list-style-type: none"> <li>If all else fails, reset device by holding the red button (located behind the network and power wires) for at least 10 seconds</li> </ul>
Cash drawer does not open via the "Open Drawer" button	Check the key position of the drawer. The lock must be in the vertical position to allow the drawer to open.
Device not found by wireless router	This is likely due to an incorrect SSID or password entry. Check if LED is alternating between red and green. If so, device can be reset to wired mode by holding the red button (located behind the network and power wires) for at least 10 seconds

## Version History

Date	Version	Firmware	Change Reference
12/12/2025	1.0	-	First draft
4/22/2026	1.1	-	Changed username from netpro to sharetill. Some verbiage corrections.