

## ST-L0521-TUQ

### USB Keystone Charger Manual



#### Features:

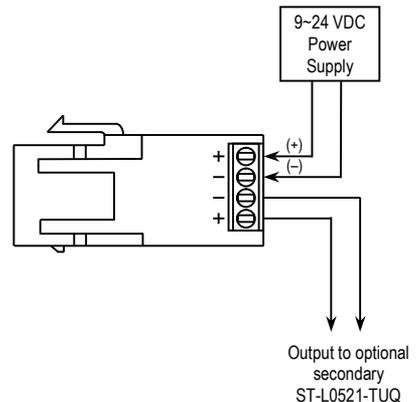
- Snap-in style USB Keystone Charger adapter
- 2.8A Max. output for faster charging
- Uses the latest USB identification circuit; compatible with most devices
- Useful for equipment racks, conference rooms, AV systems, planes, boats, buses, gyms, etc.
- Built-in blue power indicator LED
- Connect multiple units together to charge multiple devices simultaneously
- Synchronous rectification, high efficiency
- Power input with reverse polarity protection diode
- Provides complete fault protection such as under-voltage lockout, output short-circuit protection, overcurrent protection, and thermal shutdown

#### Installation:

The USB Keystone Charger fits all standard telecommunications wall plates.

1. Connect a 9~24 VDC power supply to the input power terminals using 18~24 AWG wire. Daisy chain multiple chargers if desired.
2. Snap the charger into the wall plate from the back.
3. Check clearance behind adapter to ensure space for proper bend-radius of cables.
4. Check to see that the LED power indicator is lit and connect a USB device to be charged.

#### Wiring Diagram:



#### Specifications:

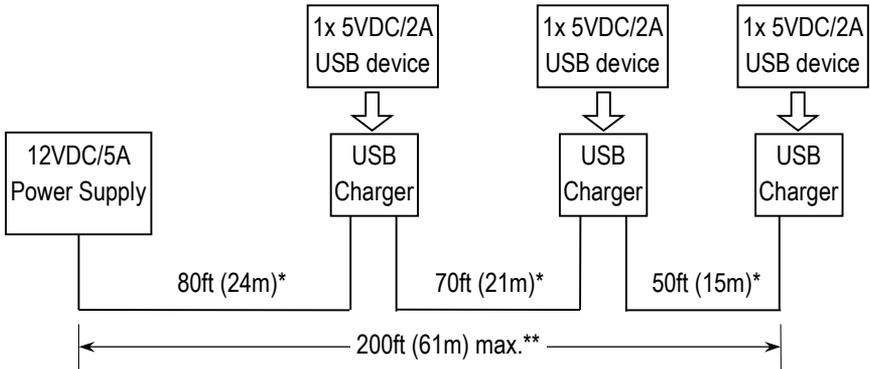
Input voltage	9~24 VDC
Output voltage	5VDC±5%
Output current	2.8A max.*
Standby current	<2mA
Dimensions	$1\frac{1}{16}'' \times 1\frac{3}{16}'' \times 1\frac{5}{8}''$ (17x21x41 mm)

\*The current drawn by a connected device will depend on the connected device's charge controller IC.

**NOTE:** Recommended power supply – ST-UV12-S5.0Q.

# ENFORCER USB Keystone Charger

## Sample Installation (Using Cat6 Cable):



### NOTES:

1. The maximum distance shown above is dependent on the wire gauge, number of wires used, types of devices connected, number of devices connected, and power supply.
2. For a 12VDC/5A power supply, maximum distance\*\* can be calculated with  $1200\text{ft}/x$ , where "x" is the total current draw of the connected devices. For example, if three 5VDC/1A devices are connected, then maximum distance is  $1,200\text{ft}/3 = 400\text{ft}$  (122m).
3. The maximum number of devices that can be connected to a 12VDC/5A power supply is three 5VDC/2A devices or six 5VDC/1A devices.

\*Arbitrary distances for illustrative purposes only.

\*\*Using all 4 pairs of a Cat6 cable.

## Also Available from SECO-LARM®:

### 12VDC Plug-in AC Adapters



ST-UV12-S5.0Q

### CCTV Power Supplies



PC-U0405-PULQ

### 4-Channel Brick Power Supply



PA-U0405-NULQ

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