

FieldTAP

P1GCUSB_mini



* This product is dependent on OS drivers. If you have a Windows 10, 8, or 8.1 device this TAP will not require you to install device drivers natively if the OS is up-to-date.

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Please contact us if you require native drivers for your Linux distro or Windows OS's. Field TAP supports 32-bit versions of MAC OS-X. Catalina OS is not supported.



Thank you for your recent purchase of Garland's P1GCUSB_mini. This copper TAP features a wide range of options and convenience for use with applications in a wide range jobs. This quick user guide we hope will be of use to get you started quickly.

For more information please visit our website for more information regarding this product.

garlandtechnology.com/support

Drivers are available to download on our website. Download here:
garlandtechnology.com/fieldtap-downloads-drivers

After unpacking the device your should have the following:

- USB 3.0 cable
- Garland P1GCUSB_mini

What you need additionally:

- Cat 5e or Cat 6 cables (2)
- Wireshark, Moloch, or other network monitor tools
www.wireshark.org Wireshark can be downloaded here for free.



* Before powering up the device please note the DIP switches on the back of the device. Default out of the factory the device is set to 1,2,3,4 (on) in the up. Any changes to the DIP switches WILL require you to power cycle the device. Please see the end of this guide in regards to setting the device for additional roles. The DIP switch looks similar to this found on the back of the device next to the power supply plug in:

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DIP Switch Settings:

Mode	Switch 1 (Speed_1)	Switch 2 (Speed_2)	Switch 3 Duplex	Switch 4 LFP
Sync Mode	OFF	OFF	Sync Mode Forces AUTO ON Switch has no effect	Sync Mode Forces LFP ON Switch has no effect
Garland Technology's unique Synchronization Mode provides a plug-n-play zero configuration design. Network ports [A] and [B] will synchronize to determine the highest supported network speed, drop link across all ports, and then only advertise and link to the highest supported common network speed on all ports.				
1Gbps	ON	ON	ON = AUTO OFF = FULL	ON = LFP ON OFF = LFP OFF
100Mbps	OFF	ON	ON = AUTO OFF = FULL	ON = LFP ON OFF = LFP OFF
10Mbps	ON	OFF	ON = AUTO OFF = FULL	ON = LFP ON OFF = LFP OFF

How to Use:

Power up the device if you have the optional power supply, otherwise attach the device to your computer/server with the provided USB cable. Windows 10, 8 devices should immediately denote a high speed USB hub device connected. Windows Servers need to update the OS and USB drivers.

Using one Ethernet cable insert cable into the LEFT (ingress) to the network device you wish to see data flowing from, this could be ANYTHING from a wall port, router, switch, or VOIP phone, etc.

Use the second cable to complete the segment to another port to complete the circuit.

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