

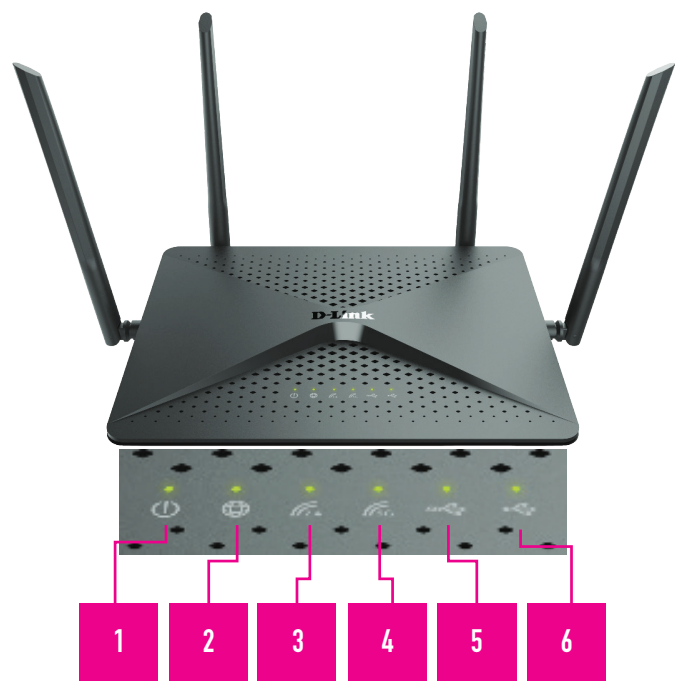
# ROUTER LIGHT INDICATION

# TP-Link Archer C1200



| NO | NAME                   | STATUS    | INDICATION  |
|----|------------------------|-----------|---|
| 1  | Power                  | On        | System initialization completes.  |
|    |                        | Flashing  | System initialization or firmware upgrade is in process . Do not disconnect or power off the router.  |
|    |                        | Off       | Power is off.   |
| 2  | Wireless (2.4 GHz LED) | On        | The 2.4 GHz wireless band is working properly.  |
|    |                        | Off       | The 2.4 GHz wireless band is disabled.  |
| 3  | Wireless (5GHz LED)    | On        | The 5 GHz wireless band is working properly.  |
|    |                        | Off       | The 5 GHz wireless band is disabled.  |
| 4  | Ethernet 1-4           | On        | At least one Ethernet port is connected.  |
|    |                        | Off       | No Ethernet port is connected.  |
| 5  | Internet               | Green On  | Internet is available.  |
|    |                        | Orange On | The router's internet port is connected, but the internet is not available.                           |
|    |                        | Off       | The router's internet port is not connected.  |
| 6  | WPS                    | On/Off    | Turn on when a WPS connection is established, and goes off about 5 minutes later.                     |
|    |                        | Flashing  | A wireless device is trying to connect to the network via WPS. This process may take up to 2 minutes. |
| 7  | USB                    | On        | A USB device is connected to the corresponding USB port.  |
|    |                        | Flashing  | A USB device is connecting to the corresponding USB port.   |
|    |                        | Off       | No USB device is corresponding USB port.  |

# D-Link DIR-882



| NO | NAME                   | INDICATION  |
|----|------------------------|---|
| 1  | Power LED              | A solid light indicates a proper connection to the power supply. The light will be solid orange during boot up        |
| 2  | Internet LED           | A solid indicates a connection on the internet port. If the LED is orange, the router cannot connect to the internet. |
| 3  | Wireless (2.4 GHz LED) | A solid light that the 2.4GHz wireless band is enabled.   |
| 4  | Wireless (5GHz LED)    | A solid light that the 5GHz wireless band is enabled.   |
| 5  | Super Speed USB LED    | A solid green light indicates a USB storage device is connected to the USB 3.0 port on the front of the router.       |
| 6  | USB LED                | A solid green light indicates a USB storage device is connected to the USB 2.0 port on the back of the router.        |

# TP-Link EC230



| NO | NAME               | STATUS    | INDICATION   |
|----|--------------------|-----------|--|
| 1  | Power              | On        | The system has started up successfully.  |
|    |                    | Flashing  | The system is starting up or the firmware is being upgraded. Do not disconnect or power off your router. |
|    |                    | Off       | Power is off.  |
| 2  | Wireless (2.4 GHz) | On        | The 2.4GHz wireless band is enabled.   |
|    |                    | Off       | The 2.4GHz wireless band is disabled.  |
| 3  | Wireless (5GHz)    | On        | The 5GHz wireless band is enabled.   |
|    |                    | Off       | The 5GHz wireless band is disabled.  |
| 4  | Ethernet           | On        | At least one Ethernet port is connected to a powered-on device.  |
|    |                    | Off       | No powered-on device is connected to the router's corresponding Ethernet port.                           |
| 5  | Internet           | Green On  | Internet is available.   |
|    |                    | Orange On | The router's internet port is connected, but the internet service is not available.                      |
|    |                    | Off       | The router's internet port is unplugged.   |
| 6  | WPS                | On/Off    | This light remains on for 5 minutes when a WPS connection is established, then turns off.                |
|    |                    | Flashing  | WPS connection is in progress. This may take up to 2 minutes.  |

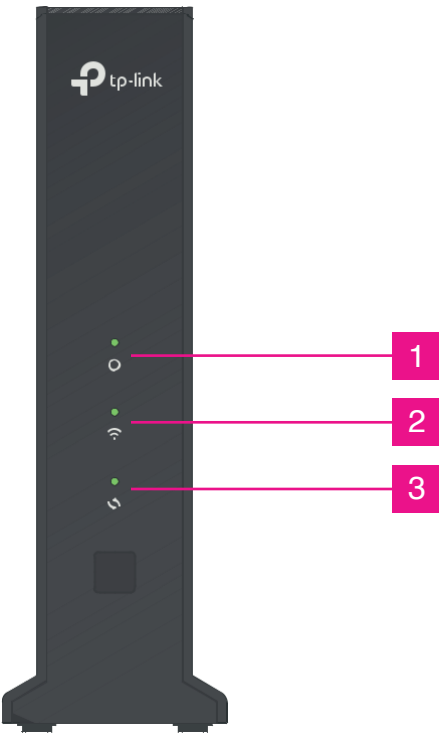
# TP-Link EC440



| NO | NAME             | STATUS    | INDICATION  |
|----|------------------|-----------|---|
| 1  | Power            | On        | The system has started up successfully.   |
|    |                  | Flashing  | The system is starting up or the router is updating the firmware. Do not disconnect or power off your router. |
|    |                  | Off       | Power is off.   |
| 2  | 2.4 GHz Wireless | On        | The 2.4 GHz wireless band is enabled.   |
|    |                  | Off       | The 2.4 GHz wireless band is disabled.  |
| 3  | 5GHz Wireless    | On        | The 5 GHz wireless band is enabled.   |
|    |                  | Off       | The 5 GHz wireless band is disabled.  |
| 4  | Internet         | On        | Internet service is available.  |
|    |                  | Orange On | The router's Internet port is connected, but the Internet service is unavailable.                             |
|    |                  | Off       | The router's Internet port is unplugged.  |
| 5  | Ethernet         | On        | At least one powered-on device is connected to the router's LAN port.   |
|    |                  | Off       | No powered-on device is connected to the router's LAN port.   |
| 6  | WPS              | On/Off    | Turns on when a WPS or sync connection is established and automatically turns off about 5 minutes later.      |
|    |                  | Flashing  | A WPS or sync connection is in progress. This may take up to 2 minutes.                                       |
| 7  | USB              | On        | The USB device is ready to use.   |
|    |                  | Flashing  | A new USB device is being identified.   |
|    |                  | Off       | No USB device is plugged into the USB port.   |

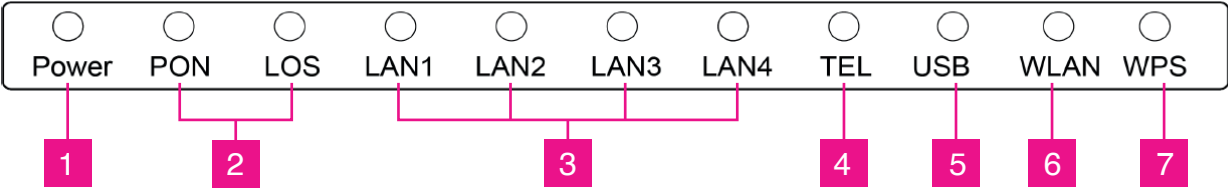
# TP-Link HC420

## Front Panel



| NO | NAME     | STATUS         | INDICATION  |
|----|----------|----------------|---|
| 1  | Status   | Flashing Green | The device is starting or updating the firmware.  |
|    |          | Solid Green    | The device is ready, and the internet is unavailable.   |
|    |          | Solid Orange   | The device is ready but the internet is unavailable.  |
|    |          | Off            | Power is off.   |
| 2  | Wireless | Flashing Green | The wireless function is enabled, and the device is in the factory default state.                         |
|    |          | Solid Green    | The device has connected with the router, and the signal is strong.                                       |
|    |          | Solid Orange   | The device has connected with the router, but the signal is weak.   |
|    |          | Off            | The device has lost connection with the router.   |
| 3  | Sync/WPS | Flashing Green | A wireless device is trying to connect to the network via WPS. This process may take up to 2 minutes.     |
|    |          | Solid Green    | The device is trying to connect to the router via synchronization. This process may take up to 2 minutes. |
|    |          | Off            | No WPS/Sync connection in process or the WPS/Sync process has completed.                                  |

# Huawei HG8145V5



| NO | NAME      | STATUS                      | INDICATION  |
|----|-----------|-----------------------------|---|
| 1  | Power     | Steady on                   | The ONT is powered on.  |
|    |           | Off                         | The power supply is cut off.  |
| 2  | PON/LOS   | See the following table.    |   |
| 3  | LAN1-LAN4 | Steady on                   | The Ethernet connection is in the normal state.   |
|    |           | Blinking                    | Data is being transmitted over the Ethernet port.   |
|    |           | Off                         | The Ethernet connection is not set up.  |
| 4  | TEL       | Steady on                   | The ONT is registered with the softswitch but no service flows are transmitted.           |
|    |           | Blinks twice a second       | The ONT is registered with the softswitch, and the data is being transmitted on the port. |
|    |           | Blinks once every 2 seconds | The ONT fails to be registered with the softswitch.                                       |
|    |           | Off                         | The POTS port is disabled.  |
| 5  | USB       | Steady on                   | The USB port is connected and working in the host mode, but no data is being transmitted. |
|    |           | Blinking                    | Data is being transmitted on the USB port.  |
|    |           | Off                         | The system is not powered on or the USB port is not connected.                            |
| 6  | WLAN      | Steady on                   | The WLAN function is enabled.   |
|    |           | Blinking                    | Data is being transmitted on the USB port.  |
|    |           | Off                         | The system is not powered on or the USB port is not connected.                            |
| 7  | WPS       | Steady on                   | The WPS function is enabled   |
|    |           | Blinking                    | A Wi-Fi terminal is accessing the system.   |
|    |           | Off                         | The WPS function is disabled.   |

| NO | PON STATUS                  | LOS STATUS                  | INDICATION   |
|----|-----------------------------|-----------------------------|--|
| 1  | Off                         | Off                         | The ONT is prohibited by the upper-layer device or blinks abnormally. Contact the service provider for help. |
| 2  | Blinks twice a second       | Blinks twice a second       |  |
| 3  | Blinks twice a second       | Off                         | The ONT attempts to set up a connection with its upper-layer device.   |
| 4  | Steady on                   | Off                         | A connection is set up between the ONT and its upper-layer device.   |
| 5  | Off                         | Blinks once every 2 seconds | The ONT is not connected to fibers or does not receive optical signals.                                      |
| 6  | Blinks once every 2 seconds | Blinks once every 2 seconds | The hardware is faulty.  |

# Huawei WA8021V5



| STATUS                                    | INDICATION   |
|---|--|
| White: steady on                          | Internet access is available.  |
| Red: steady on                            | Internet access is unavailable.<br>1. The edge ONT is being powered on.<br>2. The edge ONT is not connected to the upstream gateway. |
| Red: Blinking slowly<br>(once per second) | The edge ONT has detected a device that can be paired.   |
| Wireless                                  | The edge ONT is being paired with Huawei gateway in one-click mode.  |
|   | The edge ONT is performing WPS pairing.  |