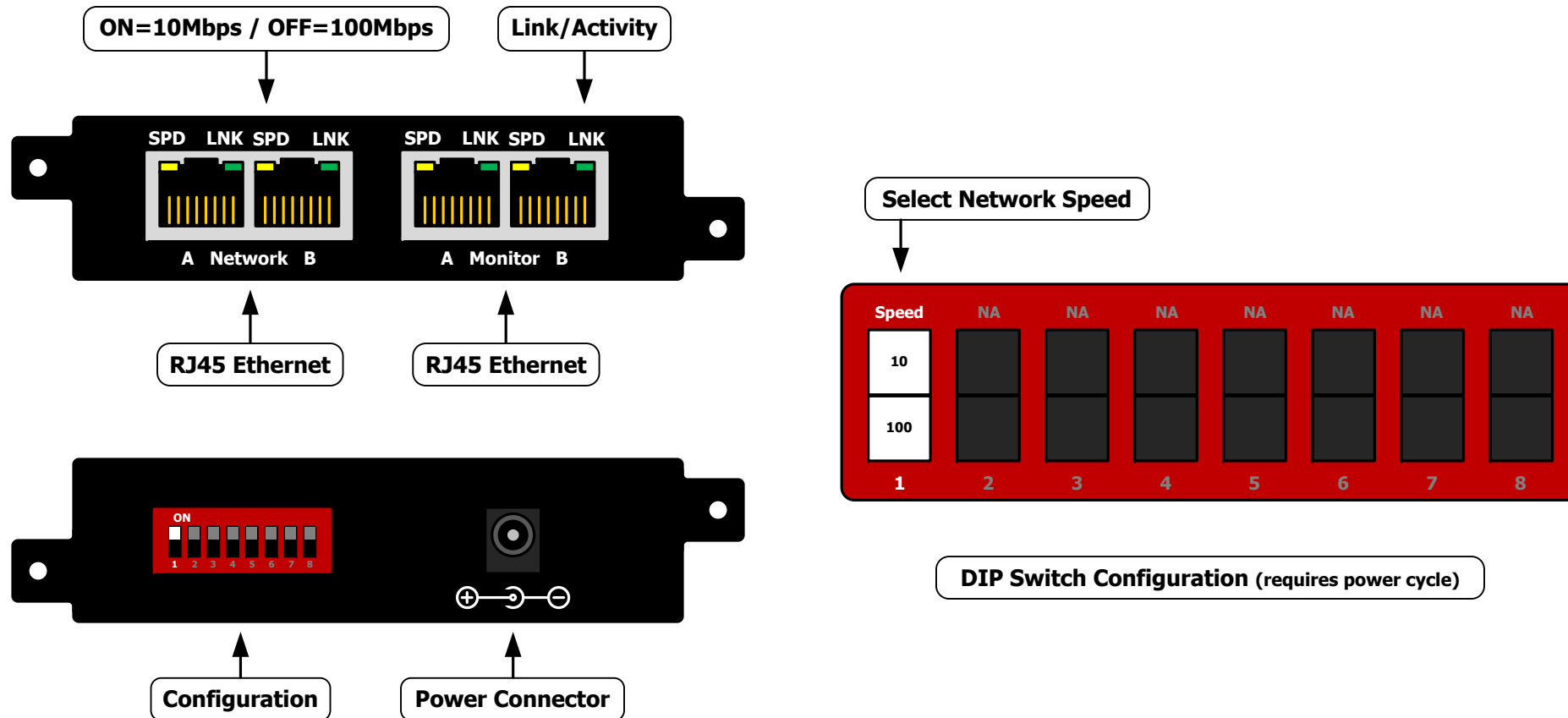**GARLAND**
T E C H N O L O G Y

To deploy the P100CCB Portable Tap into your network, simply:

- Unpack the device and attach it to the optional rack mount bracket (RMS1U sold separately)
- Install the P100CCB assembly into any available 1U slot of a network rack and secure it with rack mount screws
- Utilizing the DIP switches, located on the reverse side of the unit (next to the power input) configure the P100CCB for the operating speed of your choice
- Using one straight through Ethernet cable and one crossover cable, connect ports [**A**] and [**B**] of the P100CCB between the two live network devices where monitoring is desired. Verify network traffic is flowing, confirming that network cabling is correct
- Connect ports [**C**] and [**D**] to the monitoring tools for directional network monitoring
- Connect the power supply to the P100CCB and plug it in to an available power source
- **Note**: One straight-through and one crossover cable must be used when connecting live network ports. Cable MDI/MDIX determines direction of monitor output

ON=10Mbps / OFF=100Mbps   Link/Activity

Select Network Speed

RJ45 Ethernet   RJ45 Ethernet

DIP Switch Configuration (requires power cycle)

Configuration   Power Connector

GARLAND
T E C H N O L O G Y

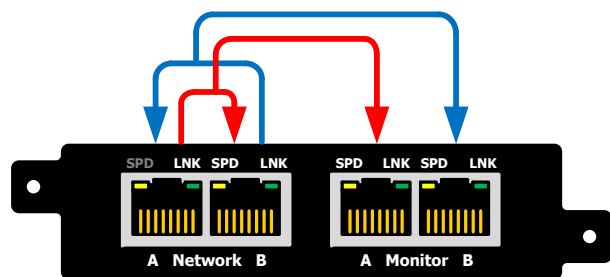## P100CCB Portable Tap Operating Modes

Breakout Mode 10Mbps

Breakout Mode 100Mbps

Network FailSafe

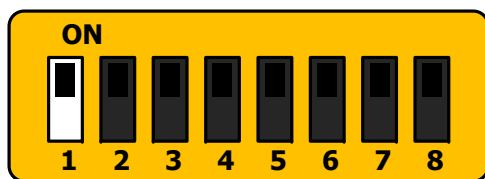**Ports Reconnect After Power Loss**

Offline

SPD LNK SPD LNK   SPD LNK SPD LNK

A Network B   A Monitor B

Live Network   **Monitor Ports**

SPD LNK SPD LNK   SPD LNK SPD LNK

A Network B   A Monitor B

Live Network   **Monitor Ports**

SPD LNK SPD LNK   SPD LNK SPD LNK

A Network B   A Monitor B

ON

1 2 3 4 5 6 7 8
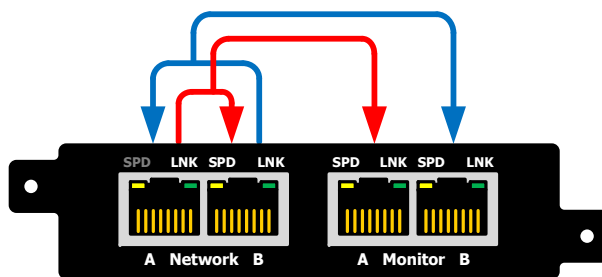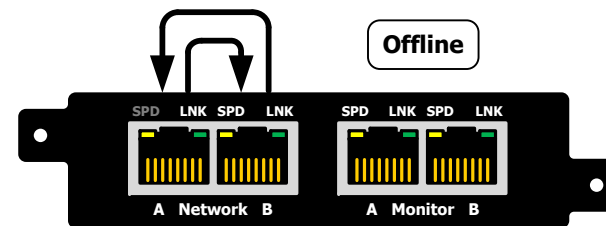
10M Speed | Breakout Mode

ON

1 2 3 4 5 6 7 8
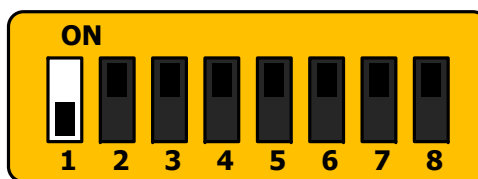
100M Speed | Breakout Mode

SPD or **S** (Speed): Indicates configured speeds:
Amber LED ON = 10Mbps | LED OFF = 100Mbps
LNK or **L** (Link/Activity): Solid when link is achieved
and then flashes when Ethernet activity is detected.
Breakout: An operating mode that allows
monitoring of separate traffic streams, one for each
direction of network traffic. **Note**: Cable MDI/MDIX
determines direction of monitor output.
FailSafe: On power loss, live network tap ports re-
establish link with each other, resuming traffic flow
between critical network devices.