DATAREMOTE

90X1

Campus Blue Light Phones

POTS line replacement for emergency call towers

OVERVIEW

Keep every blue light connected

Campus blue light emergency phones, the towers and wall-mount call boxes along walkways, parking lots and residence halls, were built around an **analog POTS line**. Press the button and the phone goes off-hook, auto-dials campus police or security, and lights its blue strobe.

As copper lines are retired, the **90X1** replaces the line, not the phone. The tower's existing Tip/Ring pair plugs into a 90X1 FXS port, and calls are carried over **5G/LTE** with wired WAN failover. The phone, strobe, and dispatch workflow stay the same.

HOW IT CONNECTS

To the call box, the 90X1 looks like a standard phone line, so nothing changes at the tower.

Blue Light Tower
Analog call box

TIP / RING
Existing analog wiring

DataRemote 90X1
5G POTS IN A BOX®

5G / LTE
Wired WAN failover

Campus Dispatch
Police, security or 911

Hotline and Auto-Dial

Ring-down places the call the moment the button is pressed. Phones with their own dialer are supported with automatic pulse and DTMF detection.

Stays Up in an Outage

An integrated 18-cell lithium battery keeps the line live when power fails, and the 12 V UPS output can power an approved device.

Monitored From ARA

Line-status monitoring with alerts, remote management, and E911 geo-location help confirm that every call point is ready when it's needed.

1 · CONNECT
Land the tower's Tip/Ring pair on any of the 90X1's eight RJ-11 FXS ports.

2 · CONFIGURE
In ARA, set the hotline destination or dialing plan and caller ID for that line.

3 · TEST
Press the button and confirm two-way audio, strobe activation and caller ID at dispatch.

Complete an end-to-end call test from each station after installation. The final installation must meet the site's applicable emergency communication, accessibility and life-safety requirements.