

# TETON (C-19)

FOR GO2 / CORE INDOOR ROUTER

WIFIRANGER™  
CONNECT & CONTROL. COMPLETELY.™



## SCHOOL BUS INTERNET SOLUTION

2.4GHz | 0.5mi Max WiFi Range | 100Mbps LAN | Magnetic Mountable

WiFiRanger Teton (C-19) is a purpose-built connectivity solution for school students during the COVID-19 pandemic. School districts are actively pursuing programs to park **internet-enabled school buses** in neighborhoods so that students may come and download / upload assignments and complete homework. The WiFiRanger Teton (C-19) is a timely response to this connectivity need. The use-case is installing the Teton (C-19) on **Thomas Built** and **Blue Bird** buses which already have an indoor **Go2** or **Core** router installed. The Teton (C-19) receives power from the Go2 or Core via Power Over Ethernet. The two routers are interconnected via ethernet WAN. The indoor router can connect to LTE while the outdoor Teton (C-19) can connect to distant public WiFi, providing increased bandwidth to students. Load Balancing can be enabled to combine all active LTE and WiFi backhaul connections of both the Go2 / Core and Teton (C-19), increasing internet capacity and reliability.

The firmware has been **pre-configured** to meet the needs of typical school implementations. A **captive portal** requires students to obtain a password from school staff or a bulletin available in the bus, preventing non-students from using the internet bandwidth. **Bandwidth restrictions** limit each student to **3x3Mbps** internet speeds, ensuring that all students get a fair share of usable internet. This default restriction meets typical student needs, but can be customized if desired.

**Priority support** is provided to school staff. We have established a custom resolution process for these particular units, ensuring our customer service team is prepared to handle these VIP calls promptly and efficiently.

### ▼ SPECIFICATIONS ▼

WiFi Frequencies	2.4GHz	Captive Portal	Customizable / Password Protectable
WiFi Standards	802.11b/g/n	Bandwidth Management	Usage Tracking / Bandwidth Throttling
WiFi Max Range	0.5mi	LTE Modem	None
WiFi Throughput (max)	300Mbps	LTE Bands	N/A
WiFi Broadcasts	2x (Pvt, Guest for Students)	Security	Firewall, WPA2
LAN Ports	1x	Temperatures	-40°C~70°C
LAN Throughput (max)	100Mbps	Power	12-18VDC / 10W Max
Ethernet Cable	20ft	Outdoor Dimensions	9" (H) x 7" (W) x 11" (D)
Indoor Unit Compatibility	Go2 / Core	Warranty	1 Year

Maximum WiFi range is only achievable in ideal conditions when connecting with clear line of sight and a powerful access point