

# TR-SL2 Series

## Advanced CPE Model

Tranzeo is pleased to announce our all new Slim-Line TR-SL2 Series 2.4 GHz product. The TR-SL2 Series features all the functionality of our TR-CPQ Series but in a new smaller form factor. This powerful **Client Adapter (CPE)** features NAT Routing and QOS!

## Low Power Requirements

Excellent for solar and other alternative power source installations. TR-SL2 radios require only 4 Watts.

## Client NAT Router with QOS

Full QOS on this client device gives you all the control necessary for a smooth running wireless network. Turn on the auto-classification for worry free shaping of real-time, interactive traffic, such as gaming, VoIP and video teleconferencing. Or create custom rules based on your individual needs.

## Wi-Fi Protected Access (WPA)

WPA improves on the security features of WEP. It includes improved data encryption and user authentication.



## Alignment LEDs

Now you can align your client installations without having to log into the radio. Get visual signal strength at a glance by using this great feature.

## Controllable High Gain Output

Radios have +23dBm maximum output. Great for long distance client applications. Power can be scaled back for closer installations to avoid noise issues and to meet local regulatory requirements.

Not all channels approved for use in all areas.

- Multiple MAC Bridge Support
- Remote Management & Remote Update Capability
- Adjustable RTS/CTS settings
- Web Management
- DHCP Client
- Grounding Post for easier grounding
- Outdoor CAT5 Connector
- Power over Ethernet (PoE)
- 128bit WEP, WPA/WPA2
- Transient Discharge Protection (Tested to 2200volts)
- High Output LEDs
- Signal and Noise levels in dBm



## TR-SL2 Series Specifications

Features					
<b>Standard</b>		802.11b/g*			
<b>Frequency Range</b>		2400 MHz to 2483.5 MHz			
<b>Radio Mode</b>		Customer Premise Equipment			
<b>Data Range &amp; Modulation</b>		<b>b-mode</b>		5.5/11 Mbps CCK, 2 Mbps DQPSK, 1 Mbps DBPSK	
		<b>g-mode</b>		48/54 Mbps QAM-64, 24/36 Mbps QAM-16, 12/18 Mbps QPSK, 6/9 Mbps BPSK	
<b>Communication Method</b>		Half-Duplex			
<b>Receiver Sensitivity</b>		<b>b-mode</b>		-85dBm @ 11 Mbps, -90dBm @ 1 Mbps	
		<b>g-mode</b>		-72dBm @ 54 Mbps, -89dBm @ 6 Mbps	
<b>Polarization</b>		Horizontal or Vertical			
Output Power					
<b>TR-SL2-N / TR-SL2-15</b>		+23dBm max			
Antennas					
Model	Type	Wind Load (N)		Beamwidth	
		100 mph	125 mph	Horizontal	Vertical
<b>TR-SL2-N<sup>†</sup></b>	N-Connector	78	122	N/A	N/A
<b>TR-SL2-15<sup>†</sup></b>	15dBi Panel (internal)	78	122	30°	30°
Management					
<b>Remote Configuration</b>		Based on IP Address			
<b>Device Management</b>		Windows Utility, Web-Based Management, SNMP (MIB-II and 80211 mib compliant)			
<b>Protocol Supported</b>		TCP/IP			
<b>Security</b>		40/64 bits and 128 bits WEP encryption, Media Access Control address filter (MAC), WPA and WPA2 (TKIP/AES) encryption			
<b>Ethernet Connector</b>		10/100 BaseT (Water Tight RJ-45)			
<b>Operating Temperature</b>		-55°C to +55°C			
<b>Warranty</b>		5 year for parts /3 year for parts and labour**			
Dimensions					
<b>TR-SL2-N / TR-SL2-15</b>		10.38" X 8.63" X 3.00" (radio only)			
Power Supply					
<b>Universal</b>		AC Power Adapter (US, UK, EU Snap In Plugs) Input: 120-240 VAC ~ 50-60 Hz, 0.6 A Output: 18.0 VDC, 1.1 A			

Specifications are subject to change without notice.

\*g-mode available only in radio product built after January 10, 2007.

† f (FCC) and W(World) Models - Subject to local regulations.

\*\*3 and 5 Year warranties only apply to radio products built after December 1, 2006 and December 31 2007, respectively.