# Tsunami™ TDM IDU Series

*High Speed TDM over IP*

Tsunami™ IDU Series is a very cost effective rack mounted 4 x E1/T1 TDM IDU for transporting video, voice and data for traditional circuit switched systems.

## Cost Effective Solution

The Tsunami™ IDU quickly interconnects existing PDH networks using E1/T1 Interfaces to transport video, voice and data, providing cost-effective applications for traditional circuit switched systems

## Upgrade Existing Networks

Tsunami™ IDUs can be paired with any of Proxim's Tsunami®.GX, Lynx.GX, QB-8100 and QB.11 Point-to-Point wireless products to add TDM ports to your network

## Migrate to IP

With the built-in Ethernet port, carriers can migrate from TDM to IP with link speeds in aggregate over 200Mbps depending on the Proxim wireless backhaul solution used

## Advanced Technology

Stable and adaptive E1/T1 clock recovery maintains lower jitter. The Tsunami™ IDU provides transparent transport of proprietary signaling to support PBX features

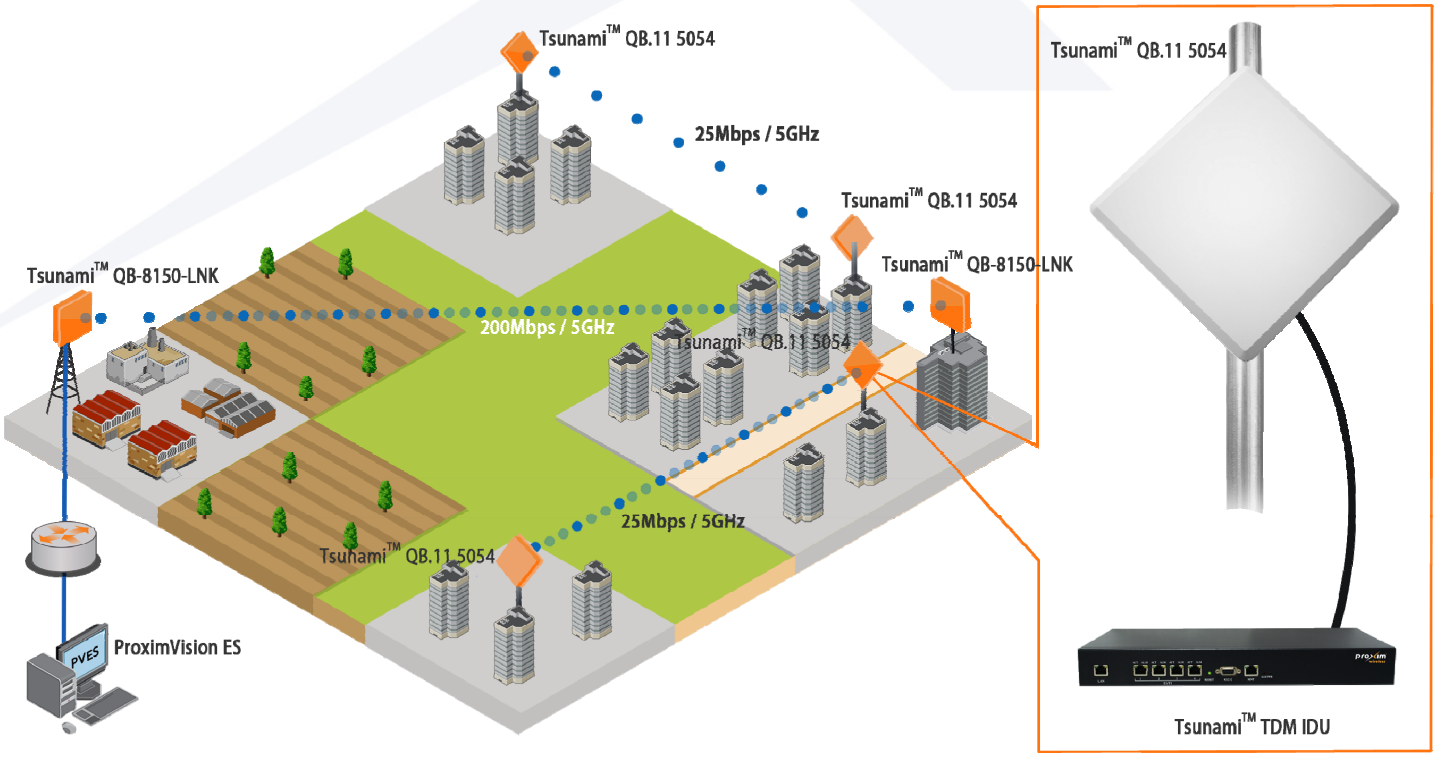
Tsunami™ QB-IDU-4E/4T

## Centralized Management

The ProximVision ES centralized network management system now supports the Tsunami™ TDM IDU series products, providing rapid network deployment and mobile configuration

## Indoor Only

The Tsunami™ IDU is an all indoor unit with rack mount feature facilitating ease of installation and less maintenance




**Wireless Network Diagram Featuring Point to Point Connections**

| *Tsunami™ TDM IDU* | *Description* | |
|---|---|---|
| ***MODELS*** | | |
| QB-IDU-4E-LNK | Tsunami™ TDM Link, Two paired 4 port E1 Indoor Units with 1 Ethernet port | |
| QB-IDU-4T-LNK | Tsunami™ TDM Link, Two paired 4 port T1 Indoor Units with 1 Ethernet port | |
| ***TDM INTERFACES*** | | |
| | **T1** | **E1** |
| PORTS | 4 x T1 Ports (ANSI T1.102) | 4 x E1 Ports (ITU-T G.703) |
| INTERFACE | RJ-48c (100 Ohm) | RJ-48c (120 Ohm) |
| LINE CODING | B8ZS | HDB3 |
| ***ETHERNET INTERFACE*** | | |
| PORT | One 100 Base-T Ethernet | |
| INTERFACE | RJ-45 | |
| ***MAIN POWER SUPPLY*** | | |
| AC | 100-240 VAC 50/60Hz 0.7A | |
| DC | -48VDC 0.45A | |
| | Supports dual input and Hot Swappable AC/DC | |
| ***ENVIRONMENTAL RATING*** | | |
| AMBIENT TEMPERATURE | 0º to 50º C (32º to 122º F) | |
| STORAGE TEMPERATURE | 0º to 85º C (32º to 185º F) | |
| RELATIVE HUMIDITY | 95% (non-condensing) | |
| ***PHYSICAL SPECS*** | | |
| WEIGHT | Packaged: 7.1 lb. (3.2 kg)<br>Unpackaged: 4.9 lb. (2.2 Kg) | |
| DIMENSIONS | Packaged: 17.4 x 11.6 x 3.7 in (442 x 295 x 96 mm)<br>Unpackaged: 14.8 x 8.6 x 1.7 in (375 x 218 x 44 mm) | |
| ***CONFIGURATION AND MANAGEMENT*** | | |
| SNMP | SNMP v2, System MIB, Private MIB<br>Manageable by Proxim Vision ES NMS (Sold separately) | |
| CLI | RS-232 console port (Craft Terminal) | |

## *End-to-End Broadband Wireless Product Portfolio*

*Proxim Wireless offers extremely reliable, secure and easily-deployed solutions for interconnecting corporate and telecommunications networks. This portfolio includes:*

***Tsunami™ 8100 –*** *Proxim's Point-to-Point & Point-to- Multipoint Product lines delivering wireless performance in excess of 4G products on the market today.*

***Gigalink® –*** *Alternative to fiber, up to a Gigabit speed.*

***Lynx.GX® –*** *Cellular voice and data backhaul, up to DS3 interface.*

***Tsunami.GX® –*** *Carrier-class IP Ethernet Bridge for voice and data backhaul for service providers and enterprise applications.*

***QuickBridge® –*** *Complete "Hop-in-a-box" Ethernet Bridge for campus and small business networks*

***Proxim Wireless*** *is a global pioneer of end-to-end broadband wireless systems that deliver the quadruple play. From Wi-Fi to wireless Gigabit Ethernet – our WLAN, mesh, WiMAX and point-to-point products are available through our extensive global channel networks.*

For detailed technical specifications, please go to **http://www2.proxim.com/ptpwireless-backhaul/tsunami-tdm-idu-series.html**

©2010 Proxim Wireless Corporation. All rights reserved. Proxim is a registered trademark and the Proxim logo and Tsunami™ are trademarks of Proxim Wireless Corporation. All other trademarks mentioned herein are property of their respective owners. Specifications are subject to change without notice.



Proxim Wireless Corporation
**www.proxim.com**