

# **L36104HPW Network Terminal Product Specification**

**Ver. 1.0**

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## ■ Summary

ZTI Solutions' L36104HPW Network Terminal is best suited for In-Building application as well as in-home networking solution. It's a home gateway product providing customers with 4 Gigabit Ethernet ports, 2x2 802.11n and 2x2 802.11ac Wi-Fi, along with a G.hn based RJ-11.

## ■ Highlights

- ❖ RJ-11 Uplink Port supports ITU G.996x G.hn Wave-2 (200MHz) up to 1.7Gbps
- ❖ 4x 10/100/1000BASE-T Ethernet RJ45 ports
- ❖ 2x2 802.11n
- ❖ 2x2 802.11ac
- ❖ 12V1A Wall adaptor
- ❖ 0 to 40°C operating temperature

## ■ Standard Compliance

- ❖ ITU-T G.9960/9961/9962/9963/9964 G.hn
- ❖ IEEE 802.1p QoS
- ❖ IEEE 802.1q VLAN
- ❖ IEEE 802.3 Ethernet LAN
- ❖ IEEE 802.11n and IEEE 802.11ac

## ■ Specifications

### General

ZTI Solutions Model	L36104HPW
Network Terminal Type	G.hn Network Terminal
Main SoC	MT7621 + Marvell 88LX5153
Uplink	G.hn RJ-11
Downlinks	4x GE, WiFi
Operating Temperature	0 to 40°C
Operating Humidity	10% to 90%, non-condensing
Dimensions	187 X 141 X 31mm (W x D x H)
Installation	Wall-mount, Desktop
Weight	Less than 0.400kg
Regulatory	CE; CCC/FCC/ETL in future

### G.hn

G.hn Interface	RJ-11 Phone Line
Standard Compliance	ITU-T G.9960/9961/9962/9963/9964
PHY Rate	2Gbps (1.7Gbps Ethernet Rate)
G.hn Features	128-bit AES CCMP Encryption Strict Authentication Rules

### Ethernet LAN

Ethernet Interface	4x RJ45 connectors
Standard Compliance	IEEE 802.3, 802.3u, 802.3ab
Link	Half-duplex and full-duplex operations 10/100/1000Mbps auto-negotiation and manual configuration MDI/MDIX auto detection

## 802.11n

MIMO	2x2
Antennas	Internal
EIRP	17dBm

## 802.11ac

MIMO	2x2
Antennas	Internal
EIRP	17dBm

## Layer-2 Bridging

MAC	Ethernet frame filtering based on port, SA/DA IEEE 802.3as, Max MTU size 1518bytes MAC address limiting
VLAN	IEEE 802.1d bridging Ingress/egress IEEE 802.1p tagging, replacement, and striping IEEE 802.1ad Double tagging
QoS	QoS on all ports QoS based on 802.1p and 802.1q 802.1p marking based on DSCP
Multicast	IGMP v2, v3, IGMP snooping

## Layer-3 Features

- PPP over Ethernet (RFC 2516)
- MAC encapsulation routing/IPoE
- Network Address Translation (NAT)
- Network Address Port Translation (NAPT)
- NAT server (Port forwarding)
- DHCP client/server/relay
- DNS proxy/dynamic DNS
- Static route/policy routing
- IGMP v1, v2, v3, IGMP Snooping
- RTSP and IGMP Proxy Support

## OAM

LED	Power, WAN, LAN1, LAN2, LAN3, LAN4, WiFi 2.4G, WiFi 5G
Management	TR-069(T.B.D), CLI, Web, Telnet
Firmware Upgrade	Firmware upgrade, active and alternative firmware images

## Power

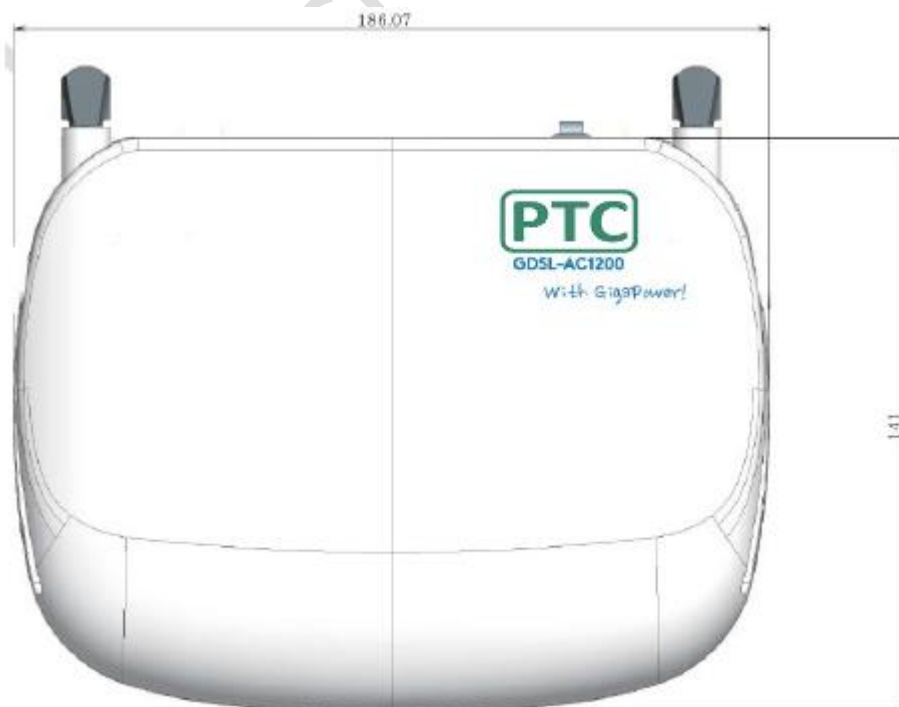
Power Options	Wall adapter
Wall Adapter	Standard barrel connector 100-240VAC in, 50/60Hz 12VDC out, 1A max

## ■ Product Photos

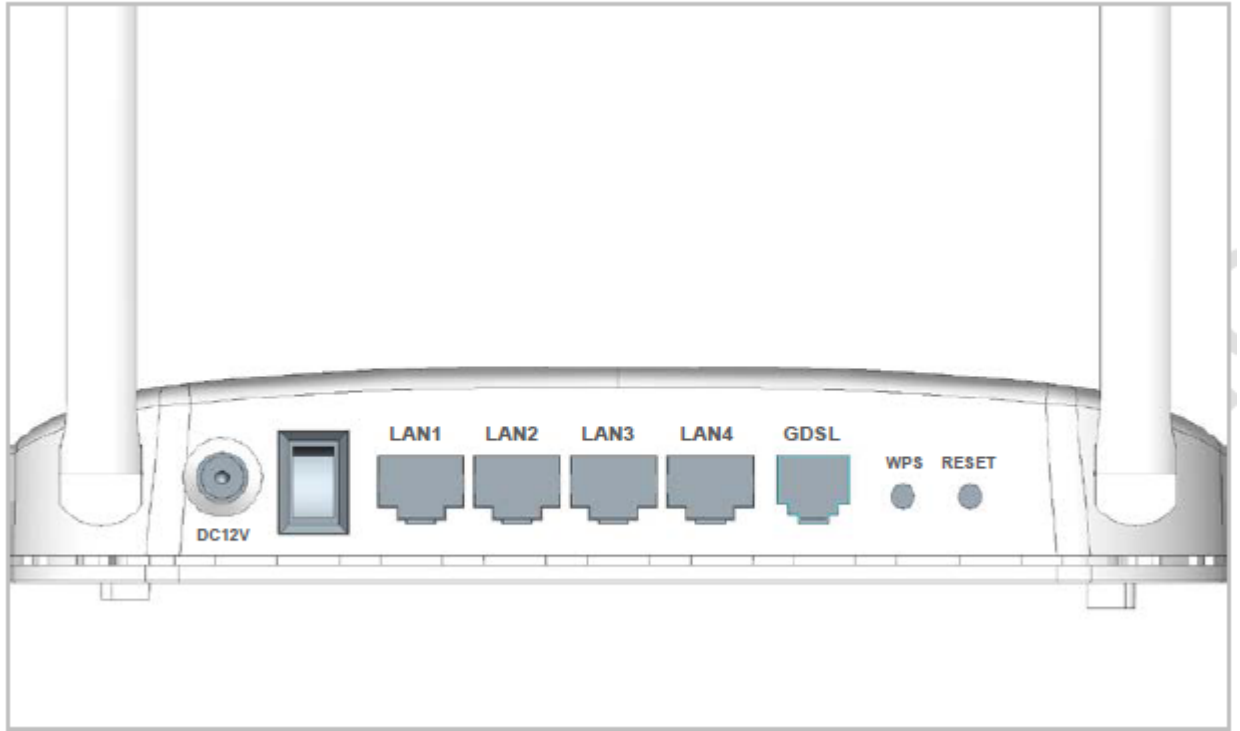
### ❖ Top View



### ❖ Dimension (mm)



❖ **Dimension (mm)**



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## ■ Contact

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