Tilgin HG2330

Ethernet Home Gateways

Tilgin HG2330 product family offers high performance gateways with superior Wi-Fi in a very small and discreet housing. It offers unique flexibility with multiple mounting options.
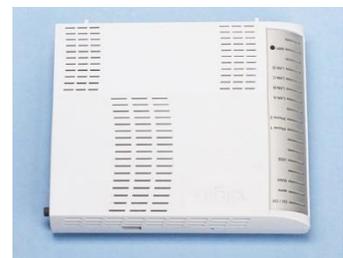

HG 2330 highlights

- **Any client beam forming with 3*3 Wi-Fi**
  - Implicit 2.4GHz
- **Multi purpose stand**
  - Any placement on desktop
  - 360^0 -rotation on wall mount
- **Industry design**
  - Minimum footprint
  - Fit anywhere
  - Easy to brand for an operator
- **HGA gateway software**
  - Full TR-069 support
  - Fail safe provisioning
  - Operator log

Tilgin's HG2330 family of products offers a flexible and high capacity product in a tiny form factor.

When having the product in your hands, do not get fooled by its mere size. The product offers full gigabit routing and a state of the art superior Wi-Fi solution. It runs all services offered with Tilgin HGA and is prepared for all foreseeable future services.

The casing from Tilgin is designed to be small, flexible and discreet. The product is wall mountable in any direction. A small mounting kit comes with the product which makes mounting very quick and easy. The hassle of using a drilling template is no longer present. The product can also lay flat on any surface or stand up by using the mounting kit as a snap on foot.

The product is also offered in an entry level version with fast Ethernet LAN ports, still with gigabit Ethernet WAN. The routing capacity and excellent Wi-Fi remains the same also on this model, the only difference being the fast Ethernet LAN ports.

The multi-purpose stand also offers a wall mount solution in addition to the standing and laying alternatives.

Tilgin HG2330 Home Gateways

The HG2330 gateways are designed using a distributed HW architecture in order to guarantee full QoS also for gigabit services. The Wi-Fi solution has the best in class coverage and reach.

Status LEDs and a push putton for WPS

HG2330 Model Configurations

Model	Memory		WAN	VoIP	LAN and Home Networking					
	Flash (MBytes)	RAM (Mbytes)	Copper Ethernet ports	PSTN	Ethernet ports	USB Host ports	WLAN			
							SSID	WPS	2.4 GHz 802.11n	
HG2331	128	128	1 x GE	2 x FXS	4 x FE	1	4	Yes	MIMO 3x3 2 spatial streams	
HG2332	128	128	1 x GE	2 x FXS	4 x GE	1	4	Yes	MIMO 3x3 2 spatial streams	

All products offers up to 1800 Mbps accumulated routing utilized with a built-in router engine.
All products support Line rate switching on all interfaces simultaneously.

WAN interfaces
10/100/1000 Base-Tx
Auto negotiation, Auto MDI/MDI-X
Connector: RJ-45

LAN interfaces
10/100 Base-Tx (HG2331) or 10/100/1000 Base-Tx (HG2332)
Auto negotiation, Auto MDI/MDI-X
Connector: RJ-45

Voice interfaces
Ring voltage: min 45vrms
Connector: RJ-11
REN, Ring Equivalency Number per FXS: 5

USB Interfaces
USB 2.0 Host

Green
The products are designed for CoC compliance.

WLAN interfaces
IEEE 802.11n, 2.4GHz
MIMO 3x3, two spatial streams
300 Mbps link speed
4 SSID
IEEE 802.11i/ WEP, WPA, WPA2 per SSID
IEEE 802.11e/WMM, QoS for voice and video over WLAN
WPS Solutions, Wireless Protected Setup, with PIN and Push Button
Automatic channel bandwidth and optimum channel selection
Implicit beam forming
Internal antennas

Switch
2048 MAC address table entries
Full 4K width VLAN support
Support for up to 64 simultaneous active VLAN
32 CoS queues
Traffic classification based on ingress port, 802.1q, 802.1p, DSCP,
MAC address, IP protocol, IPv4/IPv6 address, IP packet length, UDP/TCP ports.
Stacked VLAN support
Ingress port and flow based policing
Programmable support for traffic monitoring
Support for jumbo frames

Regulatory Compliances
CE mark
WEEE
RoHS

Physical Specifications
Dimension 180x157x37
Weight: 0.32 kg
Operating temperature: 0-40C/ 32-104F
Non-operating temperature: -20-60C/ -4-140F
Operating humidity, RH, non-condensing: 10-90%
Non-operating humidity, RH, non-condensing: 5-95%
External Power Supply: In: 100-240VAC, Out: 12VDC 2A

Tilgin HG2330 and Tilgin Home Application software

POWERED BY
tilgin
HGA Software

Tilgin Application Software is common for and integrated to all Tilgin Home Gateways. The application software can be easily upgraded from standard to premium features by normal auto-provisioning. *For further details of HGA see separate datasheet at www.tilgin.com .*

Full matrix of Tilgin hardware and HGA Software and Software modules compliance								
	HGA5xx	CAT-iq voice	ULE smart home	Wi-Fi hotspot	Storage	Secure access	3G-LTE WAN	SWEX
HG2331	√			√	√	√	√	√
HG2332	√			√	√	√	√	√

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