

# HT-1385 G.fast Smart Gateway

The HT-1385 G.fast Smart Gateway is one of the ideal solutions for multi-access gateway applications. The containerized software platform of the HT-1385 allows operators to add new value-added services to increase their ARPU and reduce their customers' churn rate. It delivers sufficient bandwidth for high performance connection to the Internet. It has a Web-based GUI for easy modification of settings and connection to your ISP. It also offers flow statistics, connection status, and other detailed information.

The HT-1385 upgrades easily and provides confidence to terminal users and ISPs.

The HT-1385 provides one DSL/35B/G.fast interface, four GE LAN, one SFP cage for P2P/G.PON connectivity, one USB host 3.0 interface, dual band 2T2R 2.4G 802.11n and 3T3R 5.8G 802.11ac WIFI function with internal antennas. In addition, it can optionally support smart control by ZWAVE protocol. The HT-1385 is an ideal broadband CPE solution for both home users who wish to share high-speed Internet access and small offices that wish to do business on the Internet.



## Features

- 35B/G.fast
- Containerized software platform
- Mobile application
- WiFi 6
- EasyMesh ready
- Advanced QoS
- IoT
- VoIP
- Remote Mgmt.

## Benefits

- Ultra-high-speed performance
- Easily add 3rd-party applications, such as cyber security, smart home, EasyMesh™, AI MIR, Advanced QoS, and CloudNAS, to increase operator revenue and create user stickiness.
- Full gateway management and seamless digital customer experience
- Provides high-speed WiFi up to 1.6 Gbps.
- Bring reliable and high-performance WiFi coverage to anywhere in the home with up to 4 WiFi EasyMesh Extenders.
- Improves customer satisfaction with smart QoS per APP flow per device.
- Optional for adding ZWAVE chipset to implement IoT services for increased operator revenue.
- Optional for adding 2xF5 ports for VoIP service.
- Full TR69/TR181 management.

# HT-138S Technical Specifications

Interface					
Chipset	BCM63138SEKFSBG	Flash	NAND 256MB	WiFi	2.4GHz BCM43217T:11b/g/n, 2T2R
DRAM	DDR3 512MB	DSL	BCM6303 30a		5G BCM43602:11a/n/ac,3T3R 1.3Gbps
ZWAVE	ZM5101		LE87281NQC G.fast		
Wireless Features					
DSL Features	ITU-T G.992.5 ADSL2+ ITU-T G.993.2 VDSL2 Supports 8a,8b,12a,12b,17a and 35B profiles		Supports ATM and PTM Supports G.vector and G.INP Supports Auto-sense ADSL/VDSL/35B/G.fast		
G.fast Features	ITU-T G.9700/1, ITU-T G.997.2 Amd2		Interoperability with ALU/ ADTRAN DPUs		
Protocol Features	RFC 2684 and RFC 1483 IPoE, PPPoA, PPPoE RFC 1332 PPP Internet Protocol Control Protocol (RFC 1577/2225 Classical IP & ARP over ATM (IPoA		MER (a.k.a IP over Ethernet over AAL5) Supports ALG (Application Level Gateways)		
Bridging Features	Self-learning bridge (IEEE 802.1D Transparent Bridging)		Supports IGMP snooping At least 64 learning MAC addresses		
Routing Features	RFC 768 UDP; RFC 791 IP ; RFC 793 TCP RFC 792 ICMP; RFC 826 Ethernet (ARP) RFC 862 Echo Protocol Supports IP and source/ destination routing Supports DHCP server/client		Supports UPnP Supports NAT, NAPT Supports DMZ and IGMP proxy Supports IP QoS Supports IPv6		
Management	Device Configuration, Management & Update Web based GUI Embedded web server Download image by HTTP, TFTP server, FTP servers Menu-driven CLI via serial port or Telnet		UPnP Internet Gateway Device (IGDv1.0) TR-069, TR157, TR181, TR143 PSI configuration file upload and download Date/time from SNTP Internet Time Server CLI via serial port, Telnet, or SSH		
Security	Three-level login including local admin, local user, and remote technical supports access Service access control based on source IP add Protects DoS from WAN: SYN flood, IP surfing, POD, fragile, UDP Echo (port 7), teardrop, LAND		PAP (RFC 1334), CHAP (RFC 1994), MSCHAP for PPP session IP filter, Parental control Cyber secure, powered by SAM Service access control based incoming interface		
Wireless Features	<b>Standard</b> IEEE 802.11 a/b/g/n/ac				
	<b>Modulation schemes</b> 802.11a: OFDM 802.11g: 64QAM, 16QAM, QPSK, BPSK, DSSS 802.11b: CCK, DQPSK, DBPSK		HT20 and HT40: 64 QAM, 16QAM, QPSK, BPSK VHT80:256 QAM		
	<b>Wireless data rate</b> 802.11b: 11, 5.5, 2, 1 Mbps per channel, auto fallback for extended range 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps per channel, auto fallback for extended range		HT40: up to 300 Mbps HT20: up to 150 Mbps VHT80: up to 1.3Gbps		
	<b>Security</b> 64-bit, 128-bit WEP, AES, TKIP, WPA, WPA2, 802.1x				
	<b>Advanced</b> Mesh WiFi, Public WiFi				
External Connectors	4 x RJ45 forGB Ethernet LAN	1 x Power button 1 x Power jack	1 x DSL/G.fast int. 1 x SFP cage	1 x Reset button 1 x USB 3.0 hosts	
Environment Requirement					
Temperature	Operating	0°C–40°C		Storage	-20°C–70°C
Humidity	Operating	NON-COND ,95% - 10%		Storage	NON-COND ,95%–5%
Power Supply	12VDC, 2 A		Consumption	25W /w power adapter	
EMC and Safety					
Regulation Compliance		Green Standard	RoHS	SafetyRegulations UL	
Physical Characteristics					
Physical Dimension	220 mm x 150 mm x 46 mm				