

FWC-110HG-35 (LTE Band 42/43)
SPECIFICATION SHEET



FWC-110HG-35 is a Category 6 LTE CPE supporting BLINQ Massive MIMO FW300/600 solution.

MODEL SERIES	
Base Module	FWC-110HG-35
RADIO SPECIFICATION	
Peak Throughput	220 Mbps (Config 2-7)
Carrier Aggregation	2CC up to 20 MHz each
Frequency Band	TDD LTE Bands 42, 43
Transmit Power	Up to +23 dBm
Tx Power Dynamic Range	63 dB
Receiver Sensitivity	-93-95 dBm
Integrated Antenna Peak Gain	20 ± 1.0dBi
Channel Bandwidth/Carrier	10, 20MHz
MIMO	DL MIMO 2x2 & 4x2
LTE Compliance	3GPP Release 10 & 11

MECHANICAL & REGULATORY	
Dimensions (LxWxH)	340 (L) 340 (W) 75(H)mm w/o mounting rib
PoE	802.3at
Survival Wind Speed	> 200 km/hr
Weight	2 Kg
Operating Humidity	5 to 95
Operational Temperature	-40 to 55 °C
MTBF ODU	300,000 at 55°C
LTE	EN 301 908-1 V11.1.1 EN 301 908-13 V11.1.1
Safety	IEC 60950-1/EN 60950-1
EMC	Draft EN 301 489-52 V.1.1.0
Environmental	IP67
Networking & OAM	
Ethernet Ports	802.3, IEEE 802.3u, IEEE 802.3ab
SIM Function	1.8V, 3V SIM and USIM card
PIN/PUK Code	Yes
Stack	IPv4 , IPv6 , Dual
NAT/Dynamic NAT	Yes
Router Mode	Yes
Bridge Mode	Yes
Tunnel Mode	GRE, L2TP, IPsec, PPTP -available per request
DHCP Server in LAN	Yes (253 clients)
DNS Relay	Yes
DDNS Client	Yes
VPN Pass-Through – IPSec/PPTP/L2TP	Yes
UPNP	Yes
HTTP Server	Yes
ALG Support (FTP/SIP/...)	Yes
Networking Debug/Testing	IPerf, Ping , Traceroute
Device Management & Security	
WEB	Yes
SNMP	Yes
TR-069 (TR-0143)	Yes (ready for IOT)
FOTA Upgrade	Yes (IOT with different network)
System Log/Diagnostic	Yes (chipset embedded tool)
User Name/Password Configuration	Yes
L2/L3 Firewall	Basic/Port Forwarding/Port Trigger/DMS / Remote WAN Ping / Remote Web Access Control

H & V ANTENNA PATTERNS

