



Bringing the future to a home near you

Hardware Solution

Chipset Solution	Realtek RTL9615C
Processor Info	Dual SMP ARM Core A55 with PON integrated
Memory DDR	256MB DDR3 (1 * 256MB)
Memory Nand Flash or eMMC	128MB Nand TSOP Flash
Modem/Gateway Connectors	1 * RJ-45,1 x Optical Fiber,1 * RJ11
Product LED Indicators	Power LED Indicator,GPON Indicator,NET LED Indicator,LOS LED Indicator,VOIP Line 1 LED Indicator,LAN1 LED Indicator
Housing Buttons	1 reset button and 1 POWR button(rear side)
Dimen w*h*d (mm)	184*37*116
Operating temp.	0 to 40° C
Storage Temp	-20 to 70° C
Storage Humidity	5 to 90% RH non-condensing
Operating humidity	10 to 95% RH non-condensing

Network Functions

PON Standard	XGSPON ITU-T G.9807.1
GPON Optical System	Class N1
PON Sensitivity	-28dBm to -8dBm
PON Wave Length	US: 1270nm / DS: 1577nm
PON Link Rate	Rx: 10Gbps / Tx:10Gbps
PON OLT Compatibility	ZTE,Huawei,FiberHome,Nokia
Ethernet Standard	10G BASE-T (802.3an)
Number of Ethernet Ports	1
Ethernet WAN	PPPoE
VOIP FUNCTIONALITY	T.38 Fax over IP,G.168 Echo Cancellation,Jitter Buffer,DTMF,DTMF Relay (RFC 2833),RTP/RTCP Packet Encapsulation Call waiting,Caller Identification,Call Forwarding
VOIP Advanced Services	IP V4,IP V6
Internet Connection	PPPoE
IGMP Protocol	IGMP v2 (RFC 2236),IGMP v3 (RFC 3376),IGMP Snooping,IGMP Proxy
Gateway Firewall and Security	Forbid UDP Flood attack,Forbid TCP Flood attack,Forbid ICMP Flood attack,IP/Port/MAC Filtering,Port Forwarding,NAT, DMZ, UPnP, VLAN
VLAN Support	true
Network Remote Access	Telnet,HTTP
Router Network Features	NAT,DDNS,mDNS,VPN,uPNP,SNTP
Network Device Management Protocol	Web Management,TR069

Accessories

Power supply	12W PSU US
Cables	Ethernet cable 1.5m
User Information (Manual)	Quick Start Guide

This product leaflet contains various optional features.Contact our sales team for a detailed quotation.

ABOUT US: EKT is a world-class design centre, specialising in Set Top Box, Modem and Smart TV designs solutions. more info? www.EKT-Digital.com

All information is non-binding and subject to change at any time

EKT Shenzhen Ltd
1501-B, BAK Technology Building, 9
Keyan Road, Nanshan, Shenzhen,
China
Info@EKT-Digital.com
Tel: +86 755 26898816

EKT Germany
Neckartal 154/1
78628 Rottweil Germany
Tel: +49 741 94227480
solidTV@EKT-Digital.com

EKT Netherlands
Assendorperdijk 1
8012 EG Zwolle
The Netherlands
SalesEU@EKT-Digital.com

EKT HK
17/F, Leighton Centre, 77 Leighton
Road, Causeway Bay, Hong Kong
Richard.Smith@ekt-digital.com