ICT3310D-8G8S2NAC

DataSheet

1XPON+8GE+8POTS

Version V2.0.1

Release Date 2020-06-24

1.Product Overview

ICT3310D series product is a broadband access device designed to meet the needs of users for multiple business integration.

ICT3310D-8G8S2NAC product is based on the PON technology mature and stable, high cost performance, combined with 802.11ac wireless technology (2T2R), LAN switch technology and high quality VoIP technology, high reliability, easy management and good Quality of Service (QoS) guarantees, etc.

2.Technical Specifications

■ Power adapter input: 220V AC, 50HZ

■ System power supply: See the nameplate on the device

■ Ambient temperature: -5 ~ +55℃

■ Ambient humidity: 10% ~ 90%(non-condensing)

■ Store temperature: -30 ~ +60℃

■ Store humidity: 10% ~ 90%(non-condensing)

For other technical specifications, see the following table：

Model	Dimension （L * W * H）	Power	Power Consumption
ICT3310D-8G8S2NAC (steel shell)	442*185*43.6mm	220V AC	35W

3.Technical Parameter - ICT3310D-8G8S2NAC

Parameter	Hardware Parameter
	XPON
Chipset	RTL9607CP
PON	SC single-mode/single-fiber, Downstream rate 2.5Gbps, Upstream rate
Wavelength	Tx 1310nm, Rx 1490nm
Sensitivity	<-27dBm(CLASS B+)
Optical Type	SC/PC

Interface Type	8 *10/100/1000MbpsAuto adaptive Ethernet interfaces, Full/Half Duplex, RJ45 connector, 8POTS, RJ11 connector
WiFi Interface	Compliant with IEEE802.11b/g/n/ac
	2.4GHz Operating frequency: 2.400-2.483GHz
	5.0GHz Operating frequency: 5.150-5.825GHz
	Support MIMO, 2T2R,5dBi external antenna
	Support: multiple SSID
	TX power: 11n--20dBm/11ac--23dBm
Indicators	26, For POWER / SYS / CONSOLE / USB / PON / Lan / Phone/WLAN

Parameter Name	Software Parameter
	XPON
LAN	Support Port rate limiting
WAN	Support config first LAN interface as wan interface
WLAN	Integrated 802.11b/g/n/ac Support max 128 users Authentication : WEP/WAP-PSK(TKIP)/WAP2-PSK(AES) Modulation type: DSSS、CCK and OFDM Encoding scheme: BPSK、QPSK、16QAM and 64QAM
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode Support VLAN translation mode
Multicast	Support IGMPv1/v2/v3 Support IGMP Proxy and MLD Proxy Support IGMP Snooping and MLD Snooping
QoS	Support 4 queues Support SP and WRR Support 802.1P Support DSCP
L3	Support IPv4、IPv6 and IPv4/IPv6 dual stack Support DHCP/PPPOE/Statics Support Static route,NAT Support Bridge, Route ,Route and Bridge mixed mode Support DMZ, DNS, ALG,UPnP Support Virtual Server
DHCP	Support DHCP Server & DHCP Relay
VoIP	Support SIP protocol Support Voice coding: ITU-T G.711A/G.711U/G.722/G.729, auto-negotiate with call agent Support Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length Support high/low speed fax/Modem, bypass fax, and T38 fax

	Support InBand / RFC2833/INFO DTMF, MD5 authentication, call forward,call waiting, hot-line call, and all kinds of additional service. Three-party conferencing
Performance	Data loss: <1*10E-12, Call loss: <0.01%
Security	Support Filter based on MAC/ACL/URL
Management	Support OMCI(ITU-T G.984.x) & CTC OAM 2.0 and 2.1
	Support TR069/Web/Telnet/CLI
Application	Support L2TP & IPSec VPN Support EoIP Support VxLan Support Web Push

4. LED information

LED	ON	Blink	OFF
PWR	The device is powered up	—	The device is powered down
SYS	The system is running normally	—	The system is starting up or running abnormally
UpLink	The device is connected in routing mode	—	The device is disconnected in routing mode
LOS	Device does not receive optical signals	—	Device has received optical signals
WAN/LAN	WAN is effective	WAN is sending or/and receiving data	WAN is ineffective
WLAN	WiFi turned on	WiFi turn on and with ongoing data transmission	Device is power off or WiFi turned off
Pots	Phone hooks off	—	Device is power off or Phone hook on
LANn	Port is connected properly	Port is sending or/and receiving data	Port connection exception or not connected
LINK	the Optical ethernet is connected	—	the Optical ethernet is disconnected
USB	USB device is connected, but without ongoing data transmission	USB is with ongoing data transmission	Device is power off or USB device is not connected

5.Application chart