

# RPU-7420

## FTTB/FTTH 4FE+2Voip Ports GEPON ONU



### Product Description

RPU-7420 EPON ONU is FTTH bandwidth access equipment, is terminal device for single EPON user with core chipset Teknovus and Infineon's SOC .It could be used with RAY local equipment OLT RPT-6000 to construct EPON system .It could provide three service access meeting the end users' demands for surfing telephone service. It includes 4\*10/100M Ethernet ports, 2 VOIP ports ,1 PON port, external power supply.

### Application

1. FTTB access based on EPON
2. FTTH access based on EPON

### Features

1. Comply with IEEE802.3ah (EPON), China Telecom EPON technology standard V2.1.
2. Support IEEE802.3AH OAM function.
3. Maximum distance: 20km; Maximum splitting Ratio:1:64(10km).
4. Support various service, such as Data, Voip and IPTV.
5. Support Dynamic Bandwidth Allocation technology.

### Pots Features

1. Voip module is adopted Infineon solo chip with high density SOC.
2. Support three kinds of VoIP protocol H248/MGCP/SIP.
3. Support three types of compression calculation method ITU-T G711(64Kbps), G723.1(5.3Kbps/6.3Kbps), G729(8Kbps); A/u configuration available.
4. Support echo cancellation TTU-T G168-2002 with the longest echo cancellation 64ms.
5. Support three types of fax, such as transparent transmission under high/low speed mode, T30, T38.
6. Support Modem (56Kbps) dialing access.
7. Support DTMF detection and generation.