



# MDU Series - PoE/RPoE Type



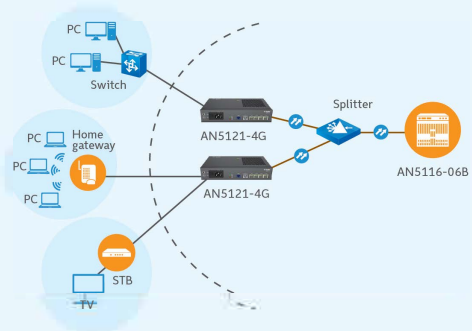
AN5121-8GR



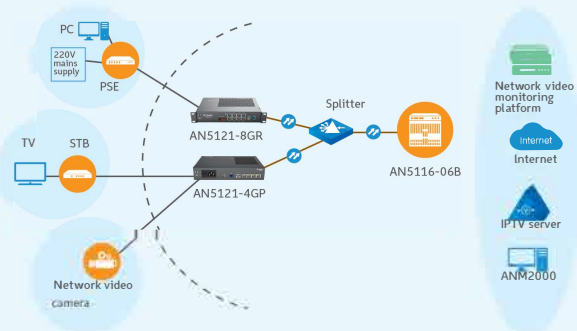
AN5121-4GP/4G

## • Introduction

The AN5121 is a series of GPON FTTB type optical network units specially developed for the network access at the outdoor environment, which has the Power over Ethernet (PoE) and reverse Power over Ethernet (RPoE) function. The AN5121-4GP is especially designed for AP/IP camera backhaul scenarios, it can provide both data channel and DC power. The AN5121-8GR is able to get power source from end user when it's difficult to get local power feed. The AN5121-4G provides a PON uplink interface and four auto-negotiated GE interfaces. It is an FTTB type GPON optical network unit that can access data services.



AN5121-4G/4GP Typical Application Scenarios



AN5121-8GR/4GP Typical Application Scenarios

## • Key Features and Benefits

High environmental suitability	:Use sealed structure with the functions of strong water-proof and dust-proof. Steady operation in extreme conditions
Perfect PoR/RPoE function	, based on the IEEE 802.3af/at standards
HighQoS	Ensure delay & packet loss requirements using hierarchy QoS
Plug and play	Offline provision, support remote configuration, upgrading and diagnosis
Carrier grade design	Reliability consideration during hardware, software and system design

## • Key Features

PON features	One GPON interface is available, which meets the ITU-T G.984 standard
Service parameters	Supports the IEEE 802.1Q/802.1P VLANs and VLAN-based selective QinQ Supports 4095 VLANs at most The capacity of the system MAC address table is 16 kB All ports support line rate forwarding Supports eight priority queues at most. Supports the SP, WRR, and SP+WRR scheduling modes
Maintenance features	Remote upgrade and monitoring

## • PoE/RPoE Product

Type	AN5121-8GR	AN5121-4GP	AN5121-4G
H/W/D	44mm×230mm×145mm	45 mm×240mm×150 mm	45mm×240mm×150 mm
Uplink interface	1*GPON	1*GPON	1*GPON
User interface	8*FE	4*GE	4*GE
Power Input	RPOE(internal PD)	110/ 220AC	220AC
Power Consumption	< 10W	< 130W	< 20W
Working temperature	-30℃ ~60℃	-30℃ ~55℃	-30℃ ~55℃
POE	N/A	802.3af/802.3at	N/A