Niveo Residential Systems
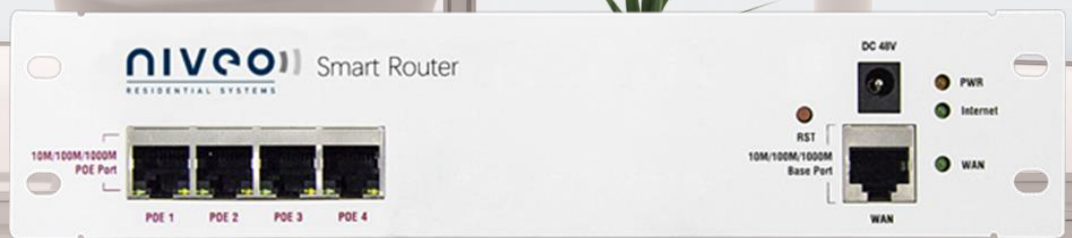
Wireless Series

NRS-AP10

(750Mbps Dual-Radio Ultra Wide Range Wireless Access Point)

niveo)) Smart Router
RESIDENTIAL SYSTEMS

DC 48V
PWR
Internet
RST
10M/100M/1000M
Base Port
WAN
WAN

10M/100M/1000M
POE Port
POE 1   POE 2   POE 3   POE 4

NRS-RC1

(4-port Smart router/Controller PoE+ Gigabit Switch)

Rock Solid, Cloud Managed and Affordable,

designed for AV Installers

More information:
WWW.NIVEOPROFESSIONAL.COM
INFO@NIVEOPROFESSIONAL.COM

NRS-AP10

Introduction

The NRS-AP10 is an 802.11ac Ceiling Wireless Access Points based on SNMP/CAPWAP Protocol. It is specifically designed to operate in residential and small commercial applications.

The NRS-AP10 complies with IEEE 802.11ac/n/g/b standards. The unit is equipped with 2.4GHz and 5GHz dual radio, with data rate up to 733Mbps (300Mbps in 2.4G, 433Mbps in 5G). The high gain 5dBi antenna's will cover areas for up to 4 times the coverage of conventional APs.

Full Management by Smart Router

The NRS-AP10 can be automatically controlled and powered by the NRS-RC1 Smart Router.

Together with the Niveo NRS-RC1, installers are able to create full WiFi coverage, that is centrally managed and controlled by the router/controller.

Easy remote management can be done using the Niveo Smartlink© cloud server.

Seamless Roaming

Managed by the Smart Router/Controller, even moving from living room to bedroom, upstairs or downstairs, users will seamlessly switch between each NRS-AP10 and keep a high speed Internet connection.

Easy set up

The NRS-AP10 in combination with the NRS-RC1 router requires zero configuration in large quantity installations. Without the NRS-RC1, the easy to understand GUI will allow any installer to do a fast and secure set up.

Convenienty powered by PoE

The NRS-AP10 can be conveniently powered by IEEE 802.3af PoE, so no additional cabling is required, simply by connecting to the NRS-RC1 smart router or NRS5FE switch. An optional DC adapter is available .

Specifications NRS-AP10

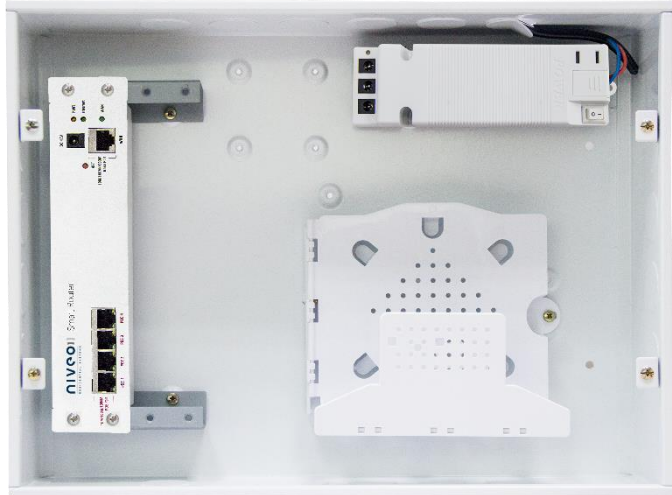|	
Model	NRS-AP10
CPU	Qualcomm Atheros
Flash	16MB
SDRAM	128MB DDR2 RAM
Antenna	Build in 5dBi MIMO Antenna
PoE Power	PoE: IEEE 802.3af, 15W(Full Load) DC: 12V/1.5A
Interface	1 * 10/100 Mbps RJ45 WAN Port 1 * 10/100Mbps RJ45 LAN Port 1 * Reset button, press 15 seconds to revert to default setting
Reset	Reset Button, press 10 seconds to revert to default data.
Bandwidth	20Mhz, 20/40Mhz, 80Mhz
Operation Mode	Gateway, Wireless AP, Repeater, WISP
No of SSID	4 SSID for 2.4G, 4SSID for 5.8G
Operating Temperature	0 to 40℃ / 32 to 104°F
Storage Temperature	-20 to 90℃ / -4 to 194 °F
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE

NRS-RC1

Introduction

The NRS-RC1 is a Smart Router and CAPWAP Protocol WLAN controller and (PoE) Ethernet switch. All in one! Functions include Gateway Authentication.
The optional network distribution box makes it the ideal solution for any installer to create a tidy networking setup, without using a rack.

Full WiFi coverage by CAPWAP controller

The NRS-RC1 comes with a build in CAPWAP controller. Together with the Niveo NRS-AP10, installers are able to create WiFi coverage, fully centrally managed and controlled by the router. **Zero configuration** in any large quantity installation: it is plug and play.

Remote controlling can be done using the Smartlink cloud server.

Seamless Roaming

Managed by the smart router, even moving from living room to bedroom, upstairs or downstairs, users will seamlessly switch between each AP and keep a high speed Internet connection.

Authentication gateway

The NRS-RC1 can act like an authentication gateway to support local authentication and remote authentication under cloud server. It supports captive portal authentication like Google login, Facebook Login, WeChat Login, SMS Login...

4*10/100/1000Mbps PoE ports

The NRS-RC1 has 4*10/100/1000Mbps PoE ports, all ports comply with IEEE 802.3af standard, but automatically to detect the PD equipment and supply 48V PoE power when needed;
The 4 ports can easily power 4 NRS-AP10 wireless Access Points.

Specifications NRS-RC1

Model	**NRS-RC1**
Flash	**16MB**
SDRAM	**128MB**
PoE Output	**48V, IEEE 802.3af Standard.**
PoE Power	**72W in total, max 10W for each RJ45 port**
Interface	**1 * 10/100/1000Mbps WAN port** **4 * 10/100/1000Mbps PoE ports, IEEE 802.3af standard** **1 * DC port, 48V/1.5A** **1 * Reset Button**
Reset	**Reset Button, press 10 seconds to revert to default data.**
Dimensions	**229mm * 49.5mm * 28.0mm**
LED Indicator	**PWR(Power), NET(Internet), WAN**
Operating Temperature	**0 to 40℃ / 32 to 104°F**
Storage Temperature	**-20 to 90℃ / -4 to 194 °F**
Humidity	**10 to 90% RH (non-condensing)**
Accessories	**72W Power adapter; 2PCS DC Power cable, 1PC AC Power cable**
Certifications	**FCC Class A, CE**