



AUN334

802.11a/n PICO AP/CPE (IP-65)

Integrated 15dBi Dual-pol. Antenna
Software adjustable for external antenna

AUN334 is a cost effective 802.11n 2x2 MIMO outdoor AP/CPE operating in 5GHz ISM band (5.5~5.9GHz) that is also compliant with IEEE 802.11a standard. It has a build-in 15dBi dual-polarization antenna, but can also co-work with other external antenna by easy software configuration.

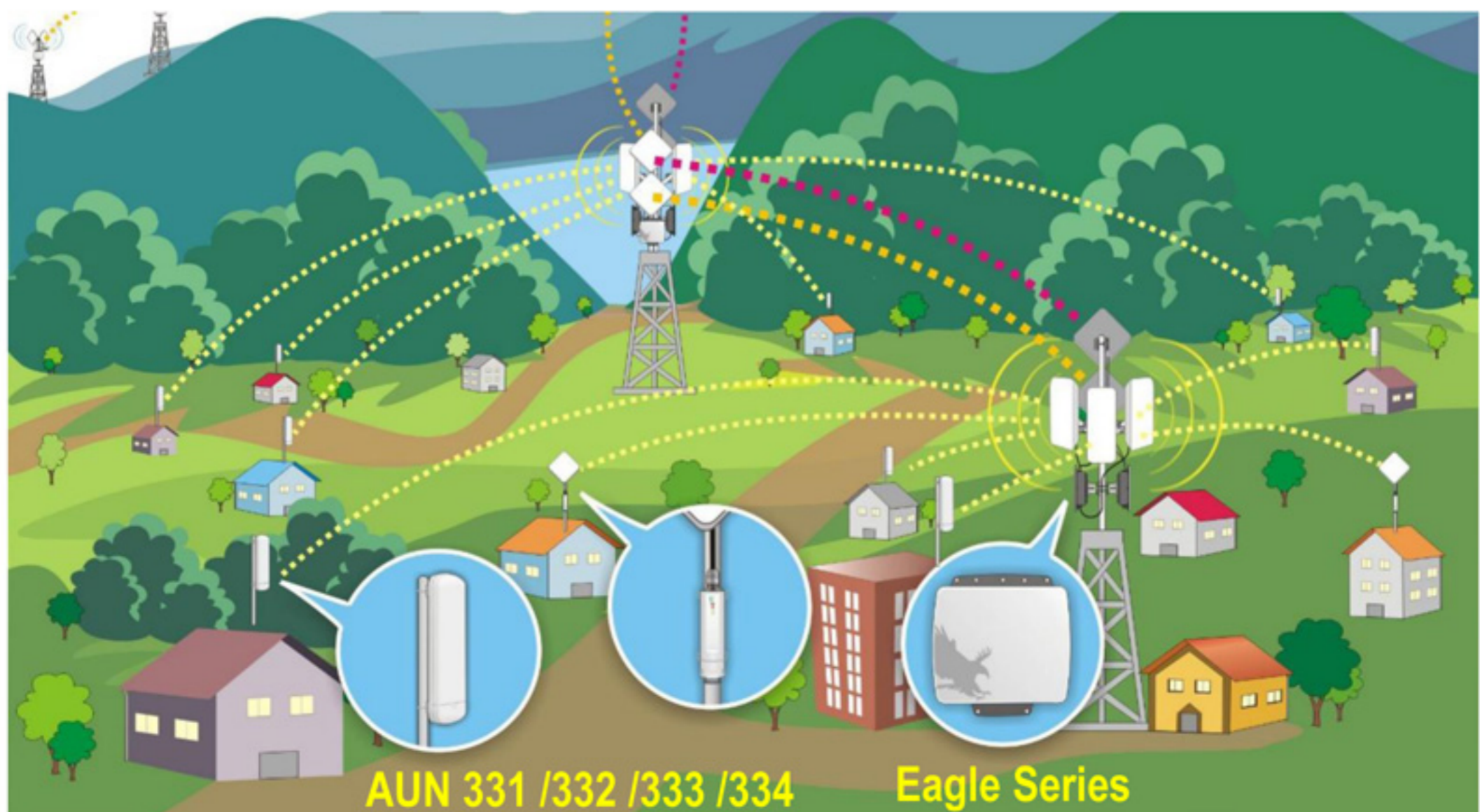
The AUN334 supports 12V DC passive PoE Input and one POE output port (max. up to 12W) for other passive POE device for IP-65 grade outdoor installation.

Application:

IP-68 802.11a/b/g/n Mesh multiple Radio --- Eagle Series

IP-55 802.11n AP/CPE --- AUN331/332

IP-65 802.11n AP/CPE --- AUN333/334



Specifications:

HARDWARE				
Flash	8MB			
RAM	32MB			
Interface	2x SMA-type Connector 2 x 10/100BaseT RJ-45 (POE input: LAN1 / POE output: LAN2) 1x power on / off switch			
LEDs	Power / RSSI / LAN			
Reset Button	Yes			
RADIO				
Output Power (dBm)	802.11a	6Mbps	24 ± 1.5	
		24Mbps	24 ± 1.5	
		36Mbps	23 ± 1.5	
		54Mbps	21 ± 1.5	
	802.11n (HT20)	MCS0/8	26 ± 1.5	
		MCS1/9	25 ± 1.5	
		MCS2/10	24 ± 1.5	
		MCS3/11	23 ± 1.5	
		MCS4/12	22 ± 1.5	
		MCS5/13	21 ± 1.5	
		MCS6/14	20 ± 1.5	
		MCS7/15	20 ± 1.5	
	Rx Sensitivity (dBm)	802.11a	6Mbps	-82
			24Mbps	-74
36Mbps			-70	
54Mbps			-65	
802.11n (HT20)		MCS0/8	-79 / -91	
		MCS1/9	-76 / -89	
		MCS2/10	-74 / -87	
		MCS3/11	-71 / -84	
		MCS4/12	-67 / -81	
		MCS5/13	-63 / -77	
		MCS6/14	-62 / -75	
		MCS7/15	-61 / -73	
FEATURES				
Operating Mode		AP / WDS / CPE		
Channel BW	5 / 10 / 20 / 40 MHz			
Data BW Control	Yes			
Output Power Management	Full / Half / Quarter / Eighth / Min.			
Max. Client Setting	Yes			
RF Scheduling	RF : On / Off			
Spanning Tree	802.1d			
TDM Coordination	Yes			
GPS Coordination	Yes			

Specifications:

MANAGEMENT	
Web Base Management	Yes
Console	Yes
SNMP V2	Private MIB, 802.11 MIB
Support Time Server	Yes
Support Log Server	Yes
SECURITY	
MAC Control	Yes
WEP Encryption	64 / 128 / 152 bits
WPA / WPA2	Yes
Wireless Isolation	Yes
Hidden SSID	Yes
Firewall	Yes
VPN	VPN Pass-through (IPsec / L2TP / PPTP)
PHYSICAL	
Operating Temperature	-20 ~ 60 °C
Operating Humidity	10 ~ 95% RH
Weight	600 g
Dimension	255mm(L) × 111mm(W) × 48mm(H)
Power Consumption	AUN334 required 8~12Watts with 12VDC Power Adaptor : 18Watt (1.5A with 12VDC) Max. POE input (LAN1): 2A with 12VDC Max. POE output (LAN2):1A with 12VDC
ANTENNA	
Frequency range	5.1~5.9GHz
Power Handling	2 Watts
Impedance	50 Ω
Return Loss	< -10dB
Isolation	< -20dB
VSWR	≤2.0
Antenna Type	Patch Array
Polarization	Dual Polarization (Vertical / Horizontal)
Gain	15 dBi
HPBW_Horizontal	YZ Plane / H-Plane : 38° XZ Plane / E-Plane : 17°
HPBW_Vertical	YZ Plane / H-Plane : 38° XZ Plane / E-Plane : 17°
Front-Back Ratio	Vertical : 30dB Horizontal : 20dB

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