



Feature	AP-103	AP-103H	AP-205H	AP-204/205	AP-207	AP-214/215	AP-224/225	AP-304/305	AP-314/315	AP-324/325	AP-334/335	RAP-3WN / RAP-3WNP	RAP-108/109	RAP-155/155P	AP-228	AP-274	AP-275	AP-277
Description	Indoor 11n AP	Indoor 11n AP	Indoor 11ac AP	Indoor 11ac AP	Indoor 11ac AP	Indoor 11ac AP	Indoor 11ac AP	Indoor 11ac Wave2 AP	Indoor 11ac Wave2 AP	Indoor 11ac Wave2 AP	Indoor 11ac Wave2 AP	Indoor 11n AP	Indoor 11n AP	Indoor 11n AP	Indoor Temp Hardened 11ac AP	Outdoor 11ac IP66/67	Outdoor 11ac IP66/67	Outdoor 11ac IP66/67
SW type	AOS/Instant	AOS	AOS/Instant	AOS/Instant	AOS/Instant	AOS/Instant	AOS/Instant	AOS/Instant	AOS/Instant	AOS/Instant	AOS/Instant	Instant (AOS RAP)	Instant (AOS RAP)	Instant (AOS RAP)	AOS/Instant	AOS/Instant	AOS/Instant	AOS/Instant
Number of radios	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
Supported band(s)	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	2.4GHz	DB	DB	DB	DB	DB	DB
Radio MIMO type	2x2:2	2x2:2	2x2:2	2x2:2	2x2:2	3x3:3	3x3:3	2x2:2 (2.4GHz), 3x3:3 (5GHz)	2x2:2 (2.4GHz), 4x4:4 (5GHz)	4x4:4	4x4:4	2x2:2	2x2:2	2x2:2 (2.4GHz), 3x3:3 (5GHz)	3x3:3	3x3:3	3x3:3	3x3:3
Max number of BSSIDs (per radio)	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Max number of associated clients per radio (limit tunnel mode / limit other modes / limit recommended, AES centralized)	255 / 110 / 50	32 / 32 / 10	255 / 255 / 50	255 / 255 / 50	255 / 255 / 50	255 / 255 / 50	255 / 255 / 100	255 / 255 / 50	255 / 255 / 75	255 / 255 / 100	255 / 255 / 100	255 / 110 / 25	255 / 110 / 50	255 / 110 / 100	255 / 255 / 100	255 / 255 / 100	255 / 255 / 100	255 / 255 / 100
Max Tx power (per radio chain, MCS0) 2.4GHz/5GHz	18dBm 18dBm	18dBm 18dBm	18dBm 16dBm	18dBm 18dBm	18dBm 18dBm	18dBm 18dBm	18dBm 18dBm	18dBm 18dBm	18dBm 18dBm	18dBm 18dBm	18dBm 18dBm	17dBm	18dBm 18dBm	18dBm 18dBm	23dBm 23dBm	23dBm 23dBm	23dBm 23dBm	23dBm 23dBm
RF connectors (RP-SMA indoor, N-female outdoor)	no	no	no	2xDB (AP-204)	no	3xDB (AP-214)	3xDB (AP-224)	3xDB (AP-314)	4xDB (AP-314)	4xDB (AP-324)	4xDB (AP-334)	no	2x DB (RAP-108)	no	3x2.4GHz (AP-274) 3x5GHz (AP-274)	3x2.4GHz (AP-274) 3x5GHz (AP-274)	no	no
Integrated antennas	omni downtilt	omni	omni	omni downtilt (AP-205)	omni downtilt (AP-205)	omni downtilt (AP-215)	omni downtilt (AP-225)	3x omni downtilt (AP-315)	6x omni downtilt (AP-315)	omni downtilt (AP-325)	12x omni downtilt (AP-335)	2x 2.4GHz omni	4x omni (RAP-109)	5x omni	no	no	omni (AP-275)	80deg x 80deg 6.5dBi directional
Advanced Cellular Coexistence (ACC)	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
TPM present	yes	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
RTC	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
Network interfaces	1xGE	1xGE + 2xFE	1xGE + 3xGE	1xGE	1xGE	1xGE	2xGE	1xGE	1xGE	2xGE	1x2.5GE + 1xGE	3xFE	1xGE, 1xFE	5xGE	2xGE	2xGE	2xGE	2xGE
Jumbo frame support on uplink	no (1500)	no (1500)	yes (3500)	yes (3500)	yes (9000)	yes (9000)	yes (9000)	yes (9000)	yes (9000)	yes (9000)	no (1500)	no (1500)	no (1500)	yes (9000)	yes (9000)	yes (9000)	yes (9000)	yes (9000)
MACSec HW support	no	no	no	no	yes	yes	yes	no	no	no	no	no	no	yes	no	no	no	no
BLE radio	no	no	no	no	yes	no	no	yes	yes	yes	yes	no	no	no	no	no	no	no
USB host interface, max power	no	no	yes, 5W	no	no	yes, 5W	yes, 2.5W	yes, 5W	yes, 5W	yes, 5W	yes, 5W	yes, 3W (0.6A)	yes, 5W (early units: 2.5W)	yes, 4W (0.8A)	no	no	no	no
Console port	header	header	header	RJ45	RJ45	RJ45	RJ45	header	header	RJ45	RJ45	header	RJ45	header	mUSB	mUSB	mUSB	mUSB
POE PD power	3af	3af	3af/3at	3af	3af	3af/3at	3af/3at	3af/3at	3af/3at	3af/3at	3af/3at	no	3af /at	no	no / 802.3at (1x) or 802.3af (2x)	no	no	no
POE PSE	no	no	802.3af	no	no	no	no	no	no	no	no	no / 802.3af	no	no / 802.3at (1x) or 802.3af (2x)	no	no	no	no
DC power support	12V	12V	48V	12V	12V	12V	12V	12V	12V	12V	48V	12V (2WN) / 48V (3WNP)	12V	12V (155) / 54V (155P)	POE Only	POE Only	POE Only	POE Only
Ships with AC to DC adapter	no	no	no	no	no	no	no	no	no	no	no	yes (cord not included for RAP-3WNP)	no	yes (cord not included for RAP-155P)	no	no	no	no
AC power support	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	Yes	Yes	Yes
Intelligent Power Monitoring (IPM) Support	no	no	no	no	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no
Restrictions from 802.3af POE (without IPM)	none	none	USB, POE-PSE	none	none	USB	USB, 2nd Ethernet, 1x3 on 2.4GHz	USB	USB, -3dB on 2.4GHz	USB, 2nd Ethernet, 1x1 on 2.4GHz, -2dB on 5GHz	USB, 2nd Ethernet, 1x1 on both radios, -3dB on both radios	n/a	none	n/a				
Restrictions from 802.3at POE (without IPM)	none	none	USB or POE-PSE	none	none	none	none	none	none	none	USB	n/a	none	n/a				
Temperature range	0C to +40C	0C to +40C	0C to +40C	0C to +40C	0C to +50C	0C to +50C	0C to +50C	0C to +50C	0C to +50C	0C to +50C	0C to +50C	0C to +40C	0C to +40C	0C to +40C	-40C to +60C	-40C to +65C	-40C to +65C	-40C to +65C
Enclosure type	Plastic	Plastic	Plastic/metal	Plastic/metal	Plastic/metal	Plastic/metal	Plastic/metal	Plastic/metal	Plastic/metal	Plastic/metal	Plastic/metal	Plastic	Plastic	Plastic	Plastic/metal	Plastic/metal	Plastic/metal	Plastic/metal
Enclosure volume (mm3)	150 x 150 x 41.5	86 x 140 x 30	86 x 150 x 40	150 x 150 x 41.5	150 x 150 x 40	180 x 180 x 45	203 x 203 x 54	165 x 165 x 38	182 x 180 x 48	203 x 203 x 57	225 x 224 x 52	129 x 109 x 64	181 x 160 x 72	240 x 245 x 67	203 x 203 x 54	230 x 240 x 140	230 x 240 x 270	230 x 240 x 190
Weight (unit only, with desk mount)	300g	260g	375g	380g	380g	610g	750g	460g	650g	950g	1150g	180g	460g	700g	1225g	2.4kg	2.4kg	2.1kg
Plenum rated	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	no	no	yes	yes	yes	yes
Announced	Feb '14	Jun '14	Feb '15	May '14	Sep '16	Aug '14	May '13	Sep '16	May '16	May '15	March '16	41106	41281	June '13	Feb '15	Feb '14	Feb '14	Feb '15
FCS	Mar '14	Jul '14	Mar '15	Jun '14 (AOS) Sept '14 (Instant)	Oct '16 (AOS) Dec '16 (Instant)	August '14	Jun '13	Oct '16 (AOS) Dec '16 (Instant)	June '16	August '15	April '12	Jan '13	June '13	Apr '15	Mar '14	Mar '14	Mar '14	Apr '15
US list price	\$395	\$345	\$695	\$695	\$695	\$995	\$1295	\$695	\$995	\$1395	\$1,695	\$295 / \$345	\$595	\$795 / \$895	\$1495	\$1595	\$1995	\$2195
Lifetime Warranty	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Minimum AOS SW version	6.4.0.0	6.4.1.0	6.4.3.0	6.4.1.0	6.5.1.0	6.4.2.0	6.3.0.0	6.5.1.0	8.1.0.0	6.5.0.0	6.4.4.0	6.5.0.0	6.2.0.0	6.3.0.0	6.4.3.0	6.4.0.0	6.4.0.0	6.4.3.0
Minimum instant SW version	4.1.0.0	N/A	4.2.0.0	4.1.1.0	4.3.1.0	4.1.1.0	4.0.0.0	4.3.1.0	4.3.0.0	4.2.0.0	4.3.0.0	3.0.0.0	3.2.0.0	3.3.0.1	4.1.2.0	4.1.0.0	4.1.0.0	4.1.2.0
EOS date	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	11/1/2016	TBD	TBD	TBD	TBD
Last supported AOS SW version	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Last supported instant SW version	TBD	N/A	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Spectrum Analysis Support	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes *	yes	yes *	yes	yes	yes	yes
Max power consumption (excluding USB, POE PSE) (adder for USB: USB power * 1.2)	8W (DC) 9.5W (POE)	8.3W (DC) 9.4W (POE)	12W (DC) 13W (POE)	11.7W (DC) 12.5W (POE)	10.1W (DC) 12.3W (POE)	13.6W (DC) 13.6W/14.9W (POE)	15.6W (DC) 13.4W/17.2W (POE)	11W (DC) 13W (POE)	12.7W (DC) 13.6W/14.4W (POE)	18.5W (DC) 13.5W/20W (POE)	25W (DC) 13.2W/25.3W (POE)	4.0W / 5.5W	12.5W	15.5W / 15.5W	23W	23W	23W	23W
Max power consumption - idle (excluding USB, POE PSE)	8W (DC) 9.5W (POE)	2.9W (DC) 3.5W (POE)	7.5W	7.7W (DC) 8.4W (POE)	4.4W (DC) 5.3W (POE)	7.4W (DC) 8.1W/8.2W (POE)		2.6W (DC) 3.7W (POE)	5.9W (DC) 6.4W (POE)	7W (DC) 8W (POE)	10.9W (DC/POE)							
LLDP power target (reduced power override)	N/A	N/A	25W (13W)	N/A	12.3W	18.1W	19W (17.1W)	19.5W (13W)	20.8W (14.4W)	25W (20W)	25.5W (25.5W)	N/A	N/A	N/A	23W	23W	23W	23W
Max IPsec encrypted wired throughput (RAP mode)	10	10	40	40	20	100	100	20	100	100	100	20	20	100	100	100	100	100