IP-COM VS Engenius										
Model No	W40AP	EAP300	W45AP	EAP350	EAP600	W75AP	EAP900H	W175AP	EAP1750H	W185AP
Photo										
AP Type	Fat AP	Fat AP	Fat AP	Fat AP	Fat AP	Fat AP	Fat AP	Fat AP	Fit AP	Fat AP
Compliant Standard	802.11 b/g/n	802.11b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
Radio Frequency	2.4G	2.4G	2.4G	2.4G	2.4G&5GHz	2.4G&5GHz	2.4G&5GHz	2.4G&5GHz	2.4G&5GHz	2.4G&5GHz
Speed	300M	300M	300M	300M	2.4G 300Mbps 5.8G 300Mbps	2.4G 450Mbps 5G 450Mbps	2.4G 450Mbps 5G 900Mbps	2.4G 450Mbps 5.8G 900Mbps	2.4G 450Mbps 5G 1300Mbps	2.4G 450Mbps 5G 1300Mbps
Interface	1*FE LAN	1*FE LAN	1*GE LAN	1*GE LAN	1*GE LAN	2*GE LAN	1*GE LAN	2*GE LAN	1*GE LAN	2*GE LAN
Antenna	2*2dbi	2*5dbi	2*2dbi	2*5dbi	2.4G 2*5dbi 5G 2*5dbi	2.4G 3*5dbi 5G 3*5dbi	2.4G 3*5dbi 5G 3*5dbi	2.4G 3*5dbi 5G 3*5dbi	2.4G 3*5dbi 5G 3*5dbi	2.4G 3*5dbi 5G 3*5dbi
Flash	4M	4M	4M	8M	16M	8M	16M	8M	16M	8M
RAM	32M	32M	64M	32M	64M	128M	64M	64M	128M	64M
Chipset	BCM5357C0	RTL8196C + RTL8892CE	BCM47186	AR7242+AR9283	AR9344+AR9382	BCM4706+BCM53125+ 2*BCM4331	N/A	BCM4708+BCM4360+ BCM4331	N/A	BCM4708+BCM4360+ BCM4331
CPU	300MHz	400MHz	533MHz	400MHz	560MHz	600MHz	N/A	1GHz	N/A	1GHz
Maximum Transmit Power	100mw(20dbm)	11b 400mw(26dbm) 11n 200mw(23dbm)	11b 400mw(26dbm) 11n 200mw(23dbm)	11b 400mw(26dbm) 11n 200mw(23dbm)	2.4G 400mw(26dbm) 5G 200mw(23dbm)	2.4G 400mw(26dbm) 5G 100mw(20dbm)	2.4G 26 dBm 5G 20 dBm	2.4G 26 dBm 5G 17 dBm	2.4G 26 dBm 5G 20 dBm	2.4G 26 dBm 5G 17 dBm
Maximum Concurrent clients (recommended limit)	15	32	20	50	100	50	100	50	100	60
Transmit Range (depends upon client device)	80m	100m	100m	100m	100m	100m	100m	100m	N/A	100m
Coverage (estimated)	6 rooms in hotel	8 rooms in hotel	8 rooms in hotel	8 rooms in hotel	108 rooms in hotel	10 rooms in hotel	10 rooms in hotel	10 rooms in hotel	10 rooms in hotel	10 rooms in hotel
PoE Type	PoE 802.3af	PoE 802.3af	PoE 802.3at	PoE802.3af	802.3at	PoE Injector	PoE 802.3at	PoE 802.3at	PoE 802.3at	PoE 802.3at
SSID	4	4	4	8	2.4G 8 5.8G 8	2.4G 8 5.8G 2	2.4G 8 5.8G 8	2.4G 8 5.8G 4	2.4G 8 5.8G 8	2.4G 8 5.8G 4
Operation Mode	AP, WDS, Universal Repeater	AP, Repeater, Station,bridge	AP, WDS, Universal Repeater	AP, WDS,Bridge	AP, WDS, Repeater	AP, WDS, Universal Repeater	AP, WDS, Repeater	AP, WDS, Universal Repeater	AP, WDS, Repeater	AP, WDS, Universal Repeater
Management Software	√	√	√	√	√	√	√	√	√	√