





CERIO Indoor Access Point Comparison list Oct/2017

Model Name	DT-300N v2/A4	DT-400 A1	CW-400NAC A2	IW-100 A1
Products picture				 Gold / Silver Color US/EU Ready
Cerio OS	CERIO CenOS 5.0 Core			
Wireless Radio	2.4GHz 11n/b/g	2.4GHz(11n/b/g) , 5GHz(11an/ac) Dual Band		
Max Data Rate	300Mbps (2Tx / 2Rx)	2.4G: 300Mbps / 5G: 866Mbps (2 Tx / 2 Rx)		
Transmit Power	30 ± 2 dBm	2.4Ghz : Max : 20 ± 1 dBm 5Ghz : Max : 18 ± 1 dBm	2.4Ghz : Max : 29 ± 1 dBm 5Ghz : Max : 27 ± 1 dBm	2.4Ghz : Max : 20 ± 1 dBm 5Ghz : Max : 18 ± 1 dBm
Sensitivity				
Operation Mode				
CAP Mode	V (UI Control AP x16APs)	V (UI Control AP x128APs)		
AAP Mode(Authentication AP)		V		
Router + AP Mode		V		
WISP Repeater + AP Mode		V		
Client Bridge+ Repeater Mode		V		
AP Managed		V		
Hardware Specifications				
CPU	533Mhz	MT7621A 880Mhz	780Mhz	
Ethernet	2 x 10/100Mbps	5 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps
PoE PD Design in	V (Passive PoE)	N/A	V (802.3af/at PoE)	V (802.3af/at PoE)
PoE Bridge	Bridge to Pasive PoE	N/A	Bridge to 802.3af PoE	N/A
Power Over Ethernet Range	V (48V)	N/A	V (48~52V)	V (48~52V)
Enclosure Housing	Plastics Housing			
Hardware lightning arrester Design	V 15kV ESD	N/A		
Mounting support	Wall / Pole Mounting	Dest top	Wall/Ceiling Mounting	Wall Mounting
LED Light Disable	V (By UI Control)			
Hardware Reset Button	V			
Weather-Proof IP Standard	IPX6	N/A		
Antenna Gain	Built-In 2.4Ghz 10dBi Directional Antenna	External 2x2 Dual Band Omni Antenna	Build in 2x2 Dual Band Omni Antenna	Build in 2x2 Dual Band Omni Antenna
Software Specifications				
Wireless Feature				
AP Units(SSID)	8 - Virtual AP	2.4GHz 8-Virtual AP 5GHz 8-Virtual AP (Most 16)	2.4GHz 16-Virtual AP 5GHz 16-Virtual AP(Most 32)	2.4GHz 8-Virtual AP 5GHz 8-Virtual AP (Most 16)
Hidden SSID broadcast		v		
SSID Support emoji		v		
IEEE802.11e WMM QoS		v		
802.11f IAPP		v		
IEEE802.11r / k Fast Roaming		v		
802.11d Multi country roaming		v		
IGMP Snooping v3		v		
Wireless Security		v		
Band Steering		v		
802.11h Transmission Power Control		v (1 to 9 levels)		
Network				
Bandwidth Control QoS		v		
Web-Based management interface		v		
CLI Access via Telnet and SSH		v		
802.1q VLAN Tag		v		
Mutli Language		v		
802.1d Spanning Tree		v		
UI Ping		v		
Auto Reboot(by day/week/month)		v		
Hardware Time Watch Dog		v		
Remote firmware upgradeable		v		
Associated Clients Status		v		
System Status / Even Log		v		
syslog server support		v		
System overview		v		
Model Name	DT-300N v2/A4	DT-400 A1	CW-400NAC A2	IW-100 A1