

MODEL : GCP-2405n

GCP-2405n is an advanced ceiling AP based on 802.11n standard with 300Mbps data rate using the MIMO (Multiple In & Multiple Out) technology to increase coverage. There are 4 operation modes and strong security mechanism for various applications. Last, GCP-2405n has a stylish housing, suitable for all indoor environments.

AP Specification

Standards Compliance	IEEE 802.11n/b/g																																																																					
	IEEE 802.3																																																																					
	IEEE 802.3u																																																																					
	IEEE 802.3p																																																																					
	IEEE 802.3x																																																																					
	IEEE 802.3af																																																																					
SDRAM	16 M Byte																																																																					
Flash	2 M Byte																																																																					
Radio Frequency Type	DSSS / OFDM																																																																					
Modulation	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, DBPSK, DQPSK, CCK																																																																					
Frequency Band	America/FCC: 2.412~2.462 GHz (11 channels) Europe CE/ETSI: 2.412~2.472 GHz (13 channels)																																																																					
Transmission Power	Up to 20dBm																																																																					
Transmission Rate	IEEE 802.11b: 1/ 2/ 5.5/ 11Mbps																																																																					
	IEEE 802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54Mbps																																																																					
	IEEE 802.11n: See Below Chart																																																																					
	<table><tr><th rowspan="2">MCS</th><th colspan="2">Guard Interval 800ns</th><th colspan="2">Guard Interval 400ns</th></tr><tr><th>20MHz(Mbps)</th><th>40MHz(Mbps)</th><th>20MHz(Mbps)</th><th>40MHz(Mbps)</th></tr><tr><td>0</td><td>6.5</td><td>13.5</td><td>7.2</td><td>15</td></tr><tr><td>1</td><td>13</td><td>27</td><td>14.4</td><td>30</td></tr><tr><td>2</td><td>19.5</td><td>40.5</td><td>21.7</td><td>45</td></tr><tr><td>3</td><td>26</td><td>54</td><td>28.9</td><td>60</td></tr><tr><td>4</td><td>39</td><td>81</td><td>43.3</td><td>90</td></tr><tr><td>5</td><td>52</td><td>108</td><td>57.8</td><td>120</td></tr><tr><td>6</td><td>58.5</td><td>121.5</td><td>65</td><td>135</td></tr><tr><td>7</td><td>65</td><td>135</td><td>72.2</td><td>157.5</td></tr><tr><td>8</td><td>13</td><td>27</td><td>14.4</td><td>30</td></tr><tr><td>9</td><td>26</td><td>54</td><td>28.9</td><td>60</td></tr><tr><td>10</td><td>39</td><td>81</td><td>43.3</td><td>90</td></tr><tr><td>11</td><td>52</td><td>108</td><td>57.8</td><td>120</td></tr></table>	MCS	Guard Interval 800ns		Guard Interval 400ns		20MHz(Mbps)	40MHz(Mbps)	20MHz(Mbps)	40MHz(Mbps)	0	6.5	13.5	7.2	15	1	13	27	14.4	30	2	19.5	40.5	21.7	45	3	26	54	28.9	60	4	39	81	43.3	90	5	52	108	57.8	120	6	58.5	121.5	65	135	7	65	135	72.2	157.5	8	13	27	14.4	30	9	26	54	28.9	60	10	39	81	43.3	90	11	52	108	57.8	120
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	12	78	162	86.7	180
	13	104	216	115.6	240
	14	117	243	130	270
	15	130	270	144.4	300
Access Point Interfaces	Auto MDI/MDI-X Ethernet 10/100/1000 Base-TX: RJ-45				
Sensitivity	IEEE 802.11b: -92dBm @ 1Mbps; -85dBm @ 11Mbps, PER < 8% IEEE 802.11g: -88dBm @ 6Mbps; -73dBm @ 54Mbps, PER <10% IEEE 802.11n: -90dBm @ MCS8; -70dBm @ MCS15, PER <10%				
Antenna Type	2 printed antennas				
Security Systems	64-bit / 128-bit WEP encryption; Wi-Fi Protected Access (WPA) / WPA2				
Wireless Setting	Operation Mode – AP / Repeater / WDS PtP and PtMP				
Software/Firmware	DHCP Server / Client Suppressed SSID Station Separation Wireless access control by MAC address filter (up to 50) Web-based configuration via popular browser (MS IE, Netscape...) Firmware upgrade and configuration backup via Web Browser Reset to default by WebUI or by Reset button VPN pass-through (PPTP, L2TP, IPSEC) Traffic Measurement: Per Interface Bandwidth Measurement: IP Range & Bandwidth Management Backup & Restore: Settings Through Web SysLog SNMP v1/v2c MIB support: MIB I, MIB II (RFC-1213) and Private MIB Support QoS(WMM) Support Time settings				
Operating Environment	Operating Temperature: 0 ~ +40°C; Storage Temperature:-40 ~ +70°C; Operating Humidity: 10% ~ 90% RH non-condensing; Storage Humidity: 5% ~ 90% RH non-condensing				
Power	DC12 Volt ± 5%; 1.25A(Max.) or DC 48 Volt ± 5%; 0.4A (Max.)AC adapter AC 100V ~ 240V				
Power Consumption	6W				
Regulatory Approval	CE; RoHS				
Network Management					
System Browser Support	IE / Safari / Chrome / Firefox / Opera				
Warranty	One year limited				