



## Wireless LAN Access Point

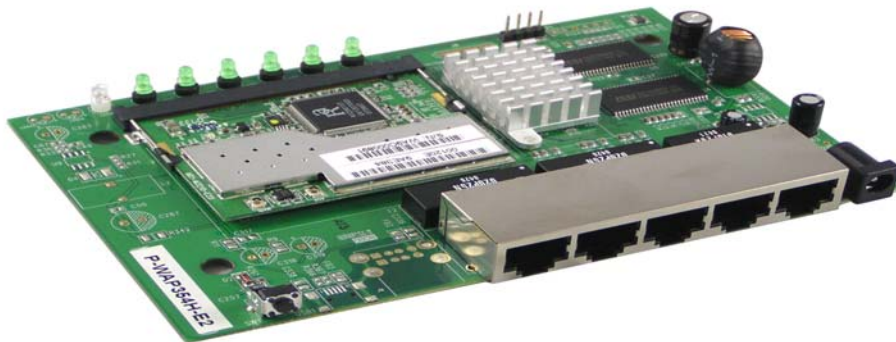
### IEEE 802.11a/b/g 5-Port High Power Access Point

AP-03

Wireless 802.11 a/b/g Access Point, AP-03, comes with 5 Ethernet ports and high-speed wireless connection to link all types of networking device together.

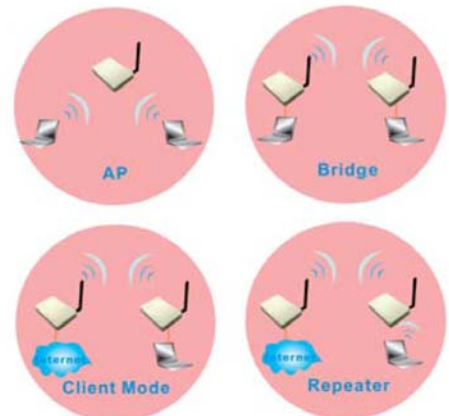
To ensure the highest level of security, AP-03 provides 64/128 bit WEP, WPA2 encryption, IEEE 802.1x and MAC Address Filter to prevent unauthorized PCs from accessing your wireless network.

With a web-based management interface, setting up and maintaining your network is easy and can be done from any computer on the network.



#### Features

- Support 802.11 a/b/g Standards
- Security: WEP 64/128, WPA, WPA2, 802.1x and 802.11i
- AP, WDS (Bridge + Repeater), or Client Mode
- Advanced Quality of Service (QoS)-802.11e, WMM
- OS support: Win98/SE/ME/2000/XP/CE, Linux, MAC OSX



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## Specification

Product Number	AP-03
Standard	IEEE802.11a/b/g standards compliant
Antenna	Dual Band Detachable Dipole Antenna (RP-SMA 2dBi)
Frequency	802.11b/g
	USA (FCC): 2.412 ~ 2.462GHz
	Europe (ETSI): 2.412 ~ 2.472GHz
	Japan (TELEC): 2.412 ~ 2.483GHz
	802.11a
	U-NII: 5.15 ~ 5.35GHz, 5.725 ~ 5.825GHz
	ISM: 5.725 ~ 5.850GHz
	DSRC: 5.850 ~ 5.925GHz
	Europe (ETSI): 5.15 ~ 5.35GHz, 5.47 ~ 5.725GHz
	Japan (TELEC): 4.90 ~ 5.00GHz, 5.03 ~ 5.091GHz
Number of Selectable Channels	802.11b/g: USA (FCC) 11 channels, EU (ETSI) 13 channels Japan (TELEC) 14 channels
	802.11a: USA (FCC) 12 channels, EU (ETSI) 19 channels Japan (TELEC) 4 channels
Data Rate	802.11b: 1, 2, 5.5, 11Mbps
	802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
	802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps
Coverage Area	Indoor: up to 100M
	Outdoor: up to 300M
Transmit Power	11a OFDM: 15 ~ 17dBm, 11g OFDM: 15 ~ 17dBm, 11b CCK: 18 ~ 20dBm
Receiver Sensitivity	11a-65dBm at 54Mbps, 10% PER
	11b-80dBm at 11Mbps, 8% PER
	11g-65dBm at 54Mbps, 10% PER
Power Requirement	12V / 1A
Certifications	FCC, CE

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## 1. CERTIFICATE OF COMPLIANCE

Product Name : Wireless 802.11a/b/g 5-Port High Power Access Point  
Brand Name : AboCom  
Model Name : WAP354H  
Applicant : AboCom Systems, Inc  
Test Standard : EN 301 489-1 V1.5.1 (2004-11)  
EN 301 489-17 V1.2.1 (2002-08)

Sporton International as requested by the applicant to evaluate the EMC performance of the product sample received on Feb. 27, 2007 would like to declare that the tested sample has been evaluated and found to be in compliance with the tested rule parts. The data recorded as well as the test configuration specified is true and accurate for showing the sample's EMC nature.



Elton Chen / Manager *Mar. 26 2007*  
SPORTON INTERNATIONAL INC.

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Brand Name : AboCom  
Model Name : WAP354H  
Applicant : AboCom Systems, Inc  
Test Standard(s) : ETSI EN 301 893 V1.2.3 (2003-08)

Sporton International as requested by the applicant to evaluate the Radio Spectrum essential requirements of the product sample received on Feb. 27, 2007 would like to declare that the tested sample has been evaluated and found to be in compliance with the tested standard(s). The data recorded as well as the test configuration specified is true and accurate for showing the sample's Radio Spectrum nature.



Elton Chen / Manager *Mar. 26 2007*  
SPORTON INTERNATIONAL INC.

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Brand Name : AboCom  
Model Name : WAP354H  
Applicant : AboCom Systems, Inc  
Test Standard(s) : EN 50371:2002 ; EN 50392:2004

Sporton International as requested by the applicant to evaluate the human exposure to electromagnetic fields (EMF) essential requirements of the product sample received on Feb. 27, 2007 would like to declare that the tested sample has been evaluated and found to be in compliance with the tested standard(s). The data recorded as well as the test configuration specified is true and accurate for showing the sample's EMF nature.

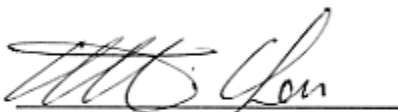


Elton Chen / Manager *Mar. 22 2007*  
SPORTON INTERNATIONAL INC.

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Elton Chen / Manager

*Mar. 28 2007*

SPORTON INTERNATIONAL INC.



**LOW VOLTAGE DIRECTIVE TEST REPORT**  
**IEC 60950-1 / EN 60950-1, First Edition**  
**Information technology equipment – Safety –**  
**Part 1: General requirements**

Report Reference No.....: L731511L284

Compiled by (+ signature).....: Moly Chen  
Project Engineer

*Moly Chen*

Approved by (+ signature).....: Jason Chuang  
Director

*Jason Chuang*

Date of Issue.....: March 27, 2007

Testing laboratory.....: **Sporton International Inc.**

Address.....: 14Fl-2, No. 186, Jianyi Rd.,  
Junghe City, Taipei Hsien,

Testing location.....: Taiwan

Applicant.....: **AboCom Systems, Inc**

Address.....: No.77, Youyi Rd., Jhunan Township, Miaoli Country 350, Taiwan

Standard.....: IEC 60950-1: 2001, First Edition  
EN 60950-1: 2001, First Edition

Test Report Form No.....: LVD 60950-1

Test procedure.....: Sporton LVD type test approval

Procedure deviation.....: N/A

Non-standard test method.....: N/A

Type of test object.....: Wireless 802.11a/b/g 5-Port High Power Access Point

Trademark.....: AboCom

Model/type reference.....: **WAP354H**

Manufacturer.....: AboCom Systems, Inc

No.77, Youyi Rd., Jhunan Township, Miaoli Country 350, Taiwan

Rating.....: +12 Vdc, 1 A



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Brand Name : AboCom  
Model Name : WAP354H  
Applicant : AboCom Systems, Inc  
Test Standard : 47 CFR FCC Part 15 Subpart B

Sporton International as requested by the applicant to evaluate the EMI performance of the product sample received on Feb. 27, 2007 would like to declare that the tested sample has been evaluated and found to be in compliance with the tested rule parts. The data recorded as well as the test configuration specified is true and accurate for showing the sample's EMI nature.

Wayne Hsu

SPORTON INTERNATIONAL INC.

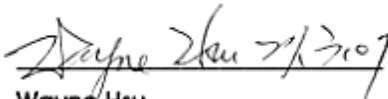




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Wayne Hsu  
SPORTON INTERNATIONAL INC.