AirEther[™] CB54 Series

2.4 GHz Long Range Wireless Client Bridge **IP67 All Weather Certified Enclosure**

The AirEther TM CB54 and CB54E are low cost outdoor residential Customer Premise Equipments (CPE), and the products are manufactured with an IP67 certified weatherproof enclosure for Near Line of Sight conditions. The radio performance of the AirEther CB54, CB54E, and CB5418 are designed and optimized for long range and high throughput wireless communications based on the IEEE 802.11 b/g standards.

The AirEther CB54 and CB54E Outdoor Wireless Client Bridges offer a high performance, robust, and extensive wireless coverage area that is an ideal outdoor Wireless Client Bridge solution for operating in a bridge-to- bridge mode and supporting point-to-point topology for the following environments:

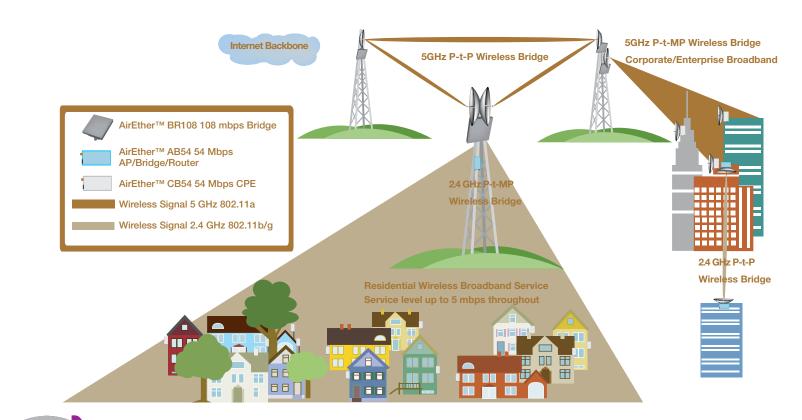
- Security & Surveillance Airports Campus Building to Building Marinas Convention Centers Stadiums RV Parks Public Parks Beaches Features and Benefits The AirEther CB54 is designed Supports WPA and WPA-PSK with Compliant to the IEEE 802.11 b/g
- with a built in 12 dBi directional panel antenna on the front of the housing for cost savings
- The AirEther CB54E offers an external N-Female antenna for use with antennas such as a more flexible high gain omni directional antenna or a more narrow beam width sector antenna
- Allow either vertical or horizontal antenna polarity alignment

- AES and TKIP, 152-bit encryption for the highest data security
- IP Installer management software with user friendly GUI for easy configuration of the Customer Premise Equipment (CPE), such as factory default setting, IP address

setting, and wireless setting Swivel mounting accessories provide an out-of-the-box solution for quick and easy installation

- standards, DSSS for 802.11b mode radio operations and OFDM technology for 802.11g mode radio operations, and support Super G
- Adjustable Tx power for optimal long range radio performance
- Low profile enclosure designed for minimum wind resistance
- · Easy to install with cost effective Power over Ethernet (PoE)

- · Built in site survey and management tools for simplify installations and operations of wireless system
- · Easy to install with cost effective Power over Ethernet (PoE)
- mode for up to 108 Mbps of data rate IP67 certified all weather housing for outdoor environments; protected by a heavy-duty UV stable glass filled Polycarbonates PC plastics housing
 - Fully weatherized outdoor unit operates in temperatures ranging from -22°F to +180°F (-30°C to +70°C)



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AirEther™ CB54 Series

Technical Specifications

Standards Compliance IFEE 802.11brg IFEE 802.11brg IFEE 802.3 LBEE 802.4 LBEE		CB54	CB54E
IEEE 802.1 lb/g IEEE 802.3, IEEE 802.1 lb; CCK,DOPSK,DEPSK IEEE802.1 lb; CCK,DOPSK,DEPSK IEEE802.1 lb; CCK,DOPSK,DEPSK IEEE802.1 lb; CCK,DOPSK,DEPSK IEEE802.1 lb; CL12-2.472 GHz (13 channels) Uapan : 2.412-2.484 GHz (14 channels) ITransmission Power IEERP (EB) (adjustIble) CE IEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEE802.1 lb; 1/2/5.5/11 Mbps, 488 dBm @ 5. mbps, 40.000 IEEE802.1 lb; 1/2/5.5/11 Mbps, 488 dBm @ 1.2 mbps, 40.000 IEEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps, 488 dBm @ 1.2 mbps, 40.000 IEEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEEE802.1 lb; 1/2/5.5/11 Mbps IEE802.1 lb; 1/2/5.5/11 Mbps IEE	Standards Compliance		
IEEE 802.3, IEEE 802.31 IS COLORD SK IEEE 802.	IEEE 802.11b/g	•	•
I IEEE802.11b: CCK,DQPSK,DBPSK I IEEE802.11g: OFDM Frequency Band America/FCC : 2.412-2.426 GHz (11 channels) Europe CE/ETSI : 2.412-2.472 GHz (13 channels) Japan : 2.412-2.486 GHz (14 channels) Transmission Power EIRP (GB) (adjustible) CE 20dBm 20dBm Transmission Rate IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: -86dBm@ 11mbps82 dBm @Smbps70 dBm@ 11mbps82 dBm @Smbps70 dBm@ 51 mbps82 dBm @Smbps70 dBm@ 54 mbps70 dBm@ 108mbps Antena Type Integrated directional panel antenna (dB) I12 Beamwidth Horizontal, Vertical Access WPA with AES or TKIP, WPA-PSK Wratess Setting Operation Mode - Client Bridge (Point-to-Point) Software/Firmware Staf Survey Wratess Client List DHCP Client WPA Support (WPA personal and enterprise) Web Assed configuration xakup via Web Reset to default by WebUI or software E-wromment Imperature -22°F to +158°F (-30°C to +70°C) Power -22°F to +158°F (-30°C to	IEEE 802.3, IEEE 802.3u	•	•
IEEE802.11g: OFDM ● Frequency Band America/FCC i 2.412-2.482 GHz (11 channels) Lurope CE/ETSI : 2.412-2.482 GHz (11 channels) ● Transmission Power EIRP (dB) (adjustible) CE 20dBm Transmission Rate 20dBm 20dBm IEEE802.11g: 6/9/12/18/24/36/48/54Mbps ● ● Super g: up to 108 Mbps ● ● Access Point Interfaces ● ● Auto MD/MD1-X Ethernet 10/100Base-TX: RJ-45 ● ● 802.11b - 85dBm@ 11mbps, -88 dBm@ 5.5 mbps, ● ● -90 dBm@ 2 mbps, -84 dBm@ 1 mbps ● ● 802.11b - 85dBm@ 11mbps, -88 dBm@ 12 mbps,-82 dBm ● ● @36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps ● ● Antenna Type Integrated directional panel antenna (dBi) 12 Bearwitchh ● ● ● N-Female ● ● ● Securify Systems ● ● ● Gethurt /24-bit /152-bit WEP encryption; Wi-FI Protected ● ● Access WPA with AES or TKIP, WPA-PSK ● ● Wireless Citent List D/<	Modulation		
Frequency Band America/FCC: 2.412-2.462 GHz (11 channels) Europe CE/FTSI : 2.412-2.472 GHz (13 channels) Japan : 2.412-2.484 GHz (14 channels) Transmission Power EIRP (dB) (adjustible) CE 20dBm Z00Bm 20dBm Transmission Power EIRP (dB) (adjustible) CE 20dBm Z00Bm 20dBm Transmission Rate IEEE802.11b: 17/2/5.5/11Mbps IEEE802.11g: 6/9/12/18/24/36/48/54Mbps Super g: up to 108 Mbps • Access Point Interfaces Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 • Receiver Sensitivity • 802.11g -91 dBm@ 6mbps, -88 dBm@ 12 mbps, 82 dBm • 802.11g -91 dBm@ 6mbps, -70 dBm@ 108mbps • Antenna Type • Integrated directional panel antenna (dBi) 12 Bearnwritch • Horizontal, Vertical 40°, 40° Antenna Connector • N-Female • Security Systems • SoftWare/Firmware • Site Survey • Wireless Setting • </td <td>IEEE802.11b: CCK,DQPSK,DBPSK</td> <td>•</td> <td>•</td>	IEEE802.11b: CCK,DQPSK,DBPSK	•	•
America/FCC : 2.412-2.426 GHz (11 channels) Europe CE/ETSI : 2.412-2.472 GHz (13 channels) Japan : 2.412-2.486 GHz (14 channels) Transmission Power EIRP (GB) (adjustible) CE 20dBm 20dBm Transmission Rate IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11b - 83dBm@ 11mbps, -88 dBm@ 5.5 mbps, -90 dBm@ 2 mbps, -94 dBm@ 1 mbps 802.11b - 83dBm@ 11mbps, -88 dBm@ 5.5 mbps, -90 dBm@ 2 mbps, -94 dBm@ 108mbps Antenna Type Integrated directional panel antenna (dB) 12 Bearwkitth Horizontal, Vertical 40°, 40° Antenna Connector N-Female Security Systems 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access WPA with AES or TKIP, WPA-PSK Wreless Stetting Operation Mode - Client Bridge (Point-to-Point) Software/Firmware Site Survey Wireless Client List DHCP Client WPA Support (WPA personal and enterprise) WPA Support (WPA personal and enterprise) Power 12 Volt DC 5%; 1.5A (Max); AC adapter AC 100V-240V Network Management System 05 Support Windows 95/98/Me/NT4.0/2000/XP	IEEE802.11g: OFDM	•	•
Europe CE/ETSI : 2.412-2.243 GHz (13 channels) Japan : 2.412-2.248 GHz (14 channels) Transmission Power EIRP (dB) (adjustible) CE 20dBm 20dBm Transmission Rate IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11g: 6/41/21/82/4/36/49/54Mbps Super g: up to 108 Mbps Access Point Interfaces Auto MDI/MD1X Ethernet 10/100Base-TX: RJ-45 Receiver Sensitivity 802.11g - 9/1dBm® 6mbps, -88 dBm® 5.5 mbps, -90 dBm® 2 mbps, -94 dBm® 1 mbps 802.11g - 91dBm® 6mbps, -88 dBm® 12 mbps, -82 dBm @36mbps, -76 dBm® 54 mbps, -70 dBm® 108mbps Antenna Type Integrated directional panel antenna (dBi) 12 Beamwitcth Horizontal, Vertical Antenna (Vertical Antenna (Vertical	Frequency Band		
Japan : 2.412-2.484 GHz (14 channels) Transmission Power EIRP (dB) (adjustible) CE 20dBm 20dBm Transmission Rate IEEE802.11b: 1/2/5.5/11 Mbps IEEE802.11b: 1/2/5/	America/FCC : 2.412~2.462 GHz (11 channels)		
Transmission Power EIPP (dB) (adjustible) CE 20dBm 20dBm Transmission Rate 20dBm 20dBm IEEE802.110: 1/2/5.5/11Mbps EEE802.110: 1/2/5.5/11Mbps • IEEE802.110: 6/9/12/18/24/36/48/54Mbps • • Super g: up to 108 Mbps • • Access Point Interfaces • • Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 • • Receiver Sensitivity • • • 802.110: -85dBm@ 11mbps, -88 dBm@ 12 mbps, -82 dBm • • • @36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps • • • • Integrated directional panel antenna (dBi) 12 •	Europe CE/ETSI : 2.412~2.472 GHz (13 channels)	•	•
EIRP (dB) (adjustible) CE 20dBm 20dBm Transmission Rate	Japan : 2.412~2.484 GHz (14 channels)		
Transmission Rate IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11g: 6/9/12/18/24/36/48/54Mbps Super g: up to 108 Mbps Access Point Interfaces Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 Receiver Sensitivity 802.11b85dBm@ 11mbps, -88 dBm@ 5.5 mbps, -90 dBm@ 2 mbps, -94 dBm@ 1 mbps 90.211g91dBm@ 6mbps, -88 dBm@ 12 mbps,-82 dBm @36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps Antenna Type Integrated directional panel antenna (dBi) 12 Beamwitdth Horizontal, Vertical Antenna Type Integrated consector N-Female Security Systems 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access WPA with AES or TKIP, WPA-PSK Wireless Setting Operation Mode - Client Bridge (Point-to-Point) Operation Mode - Client Bridge (Point-to-Point) Software/Firmware Site Survey Wireless Client List DHCP Client WAS Support (WPA personal and enterprise) Web-based configuration backup ui Web Reset to default by WebUI or software Erwironment Temperature -22°F to 158°F (-30°C to +70°C)	Transmission Power		
IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11g: 6/9/12/18/24/36/48/54Mbps IEEE802.11g: 6/9/12/18/24/36/48/54Mbps Super g: up to 108 Mbps Access Point Interfaces Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 Access Point Interfaces Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 Receiver Sensitivity 802.11b - 85dBm@ 11mbps, -88 dBm@ 5.5 mbps, -90 dBm@ 2 mbps, -94 dBm@ 1 mbps 802.11g -91dBm@ 6mbps, -88 dBm@ 12 mbps, -82 dBm 936mbps, -76 dBm@ 51 mbps, -70 dBm@ 108mbps Antenna Type Integrated directional panel antenna (dBi) 12 Beamwitdth Horizontal, Vertical 40°, 40° Antenna Connector N-Female Security Systems 64-bit/128-bit/182-bit WEP encryption; Wi-FI Protected Access WPA with AES or TKIP, WPA-PSK Wireless Stiting Operation Mode - Client Bridge (Point-to-Point) Software/Firmware Site Survey Wireless Client List DHCP Client WPA Support (WPA personal and enterprise) Web-based configuration backup via Web Reset to default by WebUI or software Erwinoment Temperature -22°F to ±158°F (-30°C to ±70°C) Power 12 Volt DC 5%; 1.5A (Max.); AC adapter AC 100V-240V Network Management System 05 Support Windows 95/98/Me/NT4.0/2000/XP	EIRP (dBi) (adjustible) CE	20dBm	20dBm
IEEE802.11g: 6/9/12/18/24/36/48/54Mbps Super g: up to 108 Mbps Access Point Interfaces Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 Receiver Sensitivity 802.11b -85dBm@ 11mbps, -88 dBm@ 5.5 mbps, -90 dBm@ 2 mbps, -84 dBm@ 1 mbps, -82 dBm @02.11g -91 dBm@ 6mbps, -88 dBm@ 12 mbps,-82 dBm @030mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps Antenna Type Integrated directional panel antenna (dBi) 12 Beamwitdth Horizontal, Vertical 40°, 40° Antenna Connector N-Female Security Systems 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access WPA with AES or TKIP, WPA-PSK Wireless Setting Operation Mode - Client Bridge (Point-to-Point) Software/Firmware Site Survey Wireless Client List DHCP Client WPA Support (WPA personal and enterprise) Web-based configuration via popular browser (E,Netscape) Firmware upgrade and configuration backup via Web Reset to default by WebUI or software Environment Temperature -22°F to +158°F (-30°C to +70°C) Power 12 Volt DC 5%; 1.54 (Max.); AC adapter AC 100V-240V Network Management System 05 Support Windows 95/98/Me/NT4.0/2000/XP Warranty	Transmission Rate		
IteEE802.11g: 59/12/18/24/34/34/34/04/05 Super g: up to 108 Mbps Access Point Interfaces Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 Receiver Sensitivity 802.11b - 85dBm@ 11mbps, -88 dBm@ 5.5 mbps, -90 dBm@ 2 mbps, -94 dBm@ 1 mbps 802.11g - 91dBm@ 6mbps, -88 dBm@ 12 mbps,-82 dBm @36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps Antenna Type Integrated directional panel antenna (dBi) 12 Bearnwitdth Horizontal, Vertical 40°, 40° Antenna Connector N-Female Security Systems 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access WPA with AES or TKIP, WPA-PSK Wireless Setting Operation Mode - Client Bridge (Point-to-Point) Software/Firmware Site Survey Wireless Client List DHCP Client WPA Support (WPA personal and enterprise) Web-based configuration backup via Web Reset to default by WebUI or software Environment Temperature -22°F to ±158°F (-30°C to ±70°C) Power 12 Volt DC 5%; 1.5A (Max.); AC adapter AC 100V-240V Network Management System OS Support Windows 95/98/Me/NT4.0/2000/XP	IEEE802.11b: 1/2/5.5/11Mbps	_	
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Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 • Receiver Sensitivity 802.115 -85dBm@ 11mbps, -88 dBm@ 5.5 mbps, 90 dBm@ 2 mbps, -84 dBm@ 1 mbps • 802.11g -91dBm@ 6mbps, -88 dBm@ 12 mbps,-82 dBm • @36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps • Antenna Type 12 Beamwitdth 40°, 40° Horizontal, Vertical 40°, 40° Antenna Connector • N-Female • Security Systems • 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected • Access WPA with AES or TKIP, WPA-PSK • Wireless Setting • Operation Mode - Client Bridge (Point-to-Point) • Software/Firmware • Site Survey • Wireless Client List DHCP Client DHCP Client • WPA busped configuration backup via Web • Reset to default by WebUI or software • Environment Temperature • •222*F to ±183*F (-30°C to ±70°C) • Power • • 12 Vot DC 5%; 1.5A (Max.); AC adapter AC 100V-240V •	Super g: up to 108 Mbps	•	•
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-90 dBm@ 2 mbps, -94 dBm@ 1 mbps 802.11g -91 dBm@ 6mbps, -88 dBm@ 12 mbps, -82 dBm @36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps Antenna Type Integrated directional panel antenna (dBi) 12 Beamwitdth Horizontal, Vertical 40°, 40° Antenna Connector N-Female • Security Systems 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access WPA with AES or TKIP, WPA-PSK Wireless Setting Operation Mode - Client Bridge (Point-to-Point) • Software/Firmware Site Survey Wireless Client List DHCP Client WPA Support (WPA personal and enterprise) • Web-based configuration via popular browser (IE,Netscape) Firmware upgrade and configuration backup via Web Reset to default by WebUI or software Environment Temperature -22°F to +158°F (-30°C to +70°C) • Power 12 Volt DC 5%; 1,5A (Max.); AC adapter AC 100V-240V Network Management System OS Support Windows 95/98/Me/NT4.0/2000/XP	Receiver Sensitivity		
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@36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps Antenna Type Integrated directional panel antenna (dBi) 12 Beamwitdth 12 Horizontal, Vertical 40°, 40° Antenna Connector • N-Female • Security Systems • 64-bit/128-bit/152-bit WEP encryption; Wi-FI Protected • Access WPA with AES or TKIP, WPA-PSK • Wireless Setting • Operation Mode - Client Bridge (Point-to-Point) • Software/Firmware • Site Survey • Wireless Client List DHCP Client WPA Support (WPA personal and enterprise) • Web-based configuration via popular browser (IE,Netscape) • Firmware upgrade and configuration backup via Web • Reset to default by WebUI or software • Environment Temperature • -22°F to +158°F (-30°C to +70°C) • Power • 12 Volt DC 5%; 1.5A (Max.); AC adapter AC 100V-240V • Network Management System OS Support Windows 95/98/Me/NT4.0/2000/XP • System OS Support Windows 95/98/Me/N	-90 dBm@ 2 mbps, -94 dBm@ 1 mbps	•	•
@36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps Antenna Type Integrated directional panel antenna (dBi) 12 Beamwitdth Horizontal, Vertical 40°, 40° Antenna Connector N-Female Security Systems • 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected • Access WPA with AES or TKIP, WPA-PSK • Wireless Setting • Operation Mode - Client Bridge (Point-to-Point) • Software/Firmware • Site Survey • Wireless Client List DHCP Client DHCP Client • WPA Support (WPA personal and enterprise) • Web-based configuration via popular browser (IE,Netscape) • Firmware upgrade and configuration backup via Web • Reset to default by WebUl or software • Environment Temperature • -22°F to +158°F (-30°C to +70°C) • Power • 12 Volt DC 5%; 1.5A (Max.); AC adapter AC 100V-240V • Network Management System OS Support Windows 95/98/Me/NT4.0/2000/XP • System OS Support Windows 95/98/Me/NT4.0/200	802.11g -91dBm@ 6mbps, -88 dBm@ 12 mbps,-82 dBm		
Integrated directional panel antenna (dBi) 12 Beamwitdth 40°, 40° Horizontal, Vertical 40°, 40° Antenna Connector • N-Female • Security Systems • 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected • Access WPA with AES or TKIP, WPA-PSK • Wireless Setting • Operation Mode - Client Bridge (Point-to-Point) • Software/Firmware • Site Survey • Wireless Client List • DHCP Client • WPA Support (WPA personal and enterprise) • Web-based configuration via popular browser (IE,Netscape) • Firmware upgrade and configuration backup via Web • Reset to default by WebUI or software • Environment Temperature • -22°F to +158°F (-30°C to +70°C) • Power • 12 Volt DC 5%; 1.5A (Max.); AC adapter AC 100V-240V • Network Management • System OS Support Windows 95/98/Me/NT4.0/2000/XP • Varranty •	@36mbps, -76 dBm@ 54 mbps, -70 dBm@ 108mbps	•	•
Bearnwitdth Horizontal, Vertical 40°, 40° Antenna Connector • N-Female • Security Systems • 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected • Access WPA with AES or TKIP, WPA-PSK • Wireless Setting • Operation Mode - Client Bridge (Point-to-Point) • Software/Firmware • Site Survey • Wireless Client List DHCP Client DHCP Client • Web-based configuration via popular browser (IE,Netscape) • Firmware upgrade and configuration backup via Web • Reset to default by WebUI or software • Environment Temperature • -22°F to +158°F (-30°C to +70°C) • Power • 12 Volt DC 5%; 1.5A (Max.); AC adapter AC 100V-240V • Network Management • System OS Support Windows 95/98/Me/NT4.0/2000/XP • Varranty •			
Horizontal, Vertical 40°, 40° Antenna Connector • N-Female • Security Systems • 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected • Access WPA with AES or TKIP, WPA-PSK • Operation Mode - Client Bridge (Point-to-Point) • Software/Firmware • Site Survey • Wireless Client List DHCP Client DHCP Client • Web-based configuration via popular browser (IE,Netscape) • Firmware upgrade and configuration backup via Web • Reset to default by WebUI or software • Environment Temperature • -22°F to +158°F (-30°C to +70°C) • Power • 12 Volt DC 5%; 1.5A (Max.); AC adapter AC 100V-240V • Network Management • System OS Support Windows 95/98/Me/NT4.0/2000/XP • Varranty •		12	
Antenna Connector N-Female Security Systems 64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access WPA with AES or TKIP, WPA-PSK Wireless Setting Operation Mode - Client Bridge (Point-to-Point) Software/Firmware Site Survey Wireless Client List DHCP Client WPA Support (WPA personal and enterprise) Web-based configuration via popular browser (IE,Netscape) Firmware upgrade and configuration backup via Web Reset to default by WebUI or software Environment Temperature -22°F to +158°F (-30°C to +70°C) Power 12 Volt DC 5%; 1.5A (Max.); AC adapter AC 100V-240V Network Management System OS Support Windows 95/98/Me/NT4.0/2000/XP Warranty			
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One year limited			
	One year limited	•	•



AirEther CB54 Wireless Client Bridge

Package Contents

- 1. AirEther CB54/ CB54E Outdoor Wireless Client Bridge Unit
- 2. Ethernet Inline Power Injector (PoE), 12V DC
- 3. AC-DC 12V, Adapter with Wall-Plug Power Cord
- 4. Installation CD and Guide with Locator Utility & User Manual CD
- 5. Mast Mounting Kit (U Bolt)
- 6. Waterproof Connector
- 7. Warranty Information Sheet

Accessory Options

- 1. AC100 1M Low Loss Antenna Cable, N-Male to N-Male
- 2. WC001 Waterproof Connector Set
- 3. WC25, WC75, WC100 25Ft, 75Ft, and 100Ft CAT5 outdoor grade Ethernet cables
- 4. WM001 Wall Mounting Kit

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AirEther CB54E

Wireless Client Bridge

Antenna Options

Model	PA09	
Antenna Type	Panel	
Frequency Range	2.1 GHz to 2.6 GHz	
Gain	9 dBi	
VSWR	<= 1.3:1	
Polarization	Vertical	
Beamwidth		
Horizontal	75°	
Vertical	75°	
Connector	N-Female	
Weight	300g	
Size		
Length	107 mm	
Width	94 mm	
Height	30 mm	
Recommended use with CB54E		

Contact Information



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