

AirEther™ Long Range Outdoor Wireless Systems

2.4 GHz Wireless Client Bridge



CB54

CB54E

CB5418

2.4 GHz Access Point, Wireless Bridge, Repeater, Client Bridge



AB54

AB54E

AB54E Pro
(1W Output Power)



BR108

5 GHz Wireless Bridge

Standards Compliance	CB54	CB54E	CB5418	AB54	AB54E	AB54E Pro (1W Output Power)	BR108
IEEE 802.11a							•
IEEE 802.11b/g	•	•	•	•	•	•	
IEEE 802.3, IEEE 802.3u	•	•	•	•	•	•	•
Modulation							
IEEE802.11b: CCK,DQPSK,DBPSK	•	•	•	•	•	•	
IEEE802.11g: OFDM	•	•	•	•	•	•	
IEEE802.11a: OFDM							•
Frequency Band							
America/FCC:2.412~2.462 GHz (11 channels)	•						5.15~5.35 GHZ
Europe CE/ETSI:2.412~2.472 GHz (13 channels)	•					•	5.50~5.70 GHZ
Japan :2.412~2.484 GHz (14 channels)							5.50~5.70 GHZ
Transmission Power							
dBm	21	21	21	21	30	30	23
EIRP (dBi)	33	Up to 48	39	33	Up to 48	Up to 36	Up to 36
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	•	•	•	•	•	•	
IEEE802.11a: 6/12/18/24/36/48/54Mbps							•
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	•	•	•	•	•	•	
802.11a -88@ 6Mbps, -87@ 12Mbps, -84@ 18Mbps, -81@ 24Mbps,-76@ 36Mbps, -72@ 48Mbps, -68@ 54Mbps						•	•
Antenna Type							
Integrated directional panel antenna (dBi)	12		18	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	•	•	•	•	•	•	•

AirEther™ High Gain Antennas

2.4 GHz Panel Antenna



2.4 GHz Sector Antenna



2.4 GHz Omni Antenna



5 GHz Panel Antenna



5 GHz Sector Antenna



5 GHz Omni Antenna



Model	PA08	PA12	PA16	PA18	PA21	SA15	SA1218	SA1821	OA09	OA12	OA15	PA5G18	PA5G21	SA5G15	SA5G21	OA5G09	OA5G12
Gain	8dBi	12dBi	16 dBi	18dBi	21dBi	15dBi	12 to 18 dBi	18 to 21 dBi	8dBi	12dBi	15dBi	18dBi	21dBi	12 dBi	12dBi	9dBi	12dBi

AirGoogle™ Network Video Surveillance Systems



NVS460
1-CH



NVS480
4-CH



NVS480R
4-CH DVR with HDD



NVC110



NVC110P
PoE



NVC110W
Long Range Wireless

Camera Module	NVS460 1-CH	NVS480 4-CH	NVS480R 4-CH DVR with HDD	NVC110	NVC110P PoE	NVC110W Long Range Wireless
1/3 inch Sony SuperHAD CCD (270K pixels) Auto Iris, Vari-focus				•	•	•
User selectable lens (CS mount)				•	•	•
Network Server						
Number of Channel Audio/Video input output supported	1	4	4			
Video Compression						
MPEG-4 (36Kbps -1.5 Mbps) for video	•	•	•	•	•	•
Max Video Resolution						
D: 720x480 D1	•	•	•			
NTSC: 640x240 (encoded, 640x480 displayed) 320x240(QVGA), 176x144(QCIF)	•	•	•	•	•	•
PAL/SECAM: 704x288 (encoded, 704x578 displayed) 352x288(CIF), 176x144(QCIF)	•	•	•	•	•	•
Frame Rate						
NTSC: VGA (max 30 frames/sec) QVGA (max 120 frames/sec)	•	•	•	•	•	•
PAL/SECAM (Max. 25frames/sec)	•	•	•	•	•	•
P/T Control						
RS-485 interface	•	•	•	•	•	•
ActiveX Viewer Software						
1CH to 16CH Selectable	•	•	•	•	•	•
Bi-directional Audio						
ADPCM (32Kbps) for audio	•	•	•	•	•	•
Minimum Illumination						
0.5 Lux				•	•	•
Security						
User Registration and Password Protection	•	•	•	•	•	•
Alarms and I/O Control						
Motion detected alarm and Sensor triggered one alarm input & one relay output	•	•	•	•	•	•
Event triggered or periodic data transmission to remote server (FTP and/or email)	•	•	•	•	•	•
Power						
DC 12Volt / 1A / SMPS	•	•	•	•	•	•
Network Access and Protocols Supported						
TCP/IP, ARP, ICMP, HTTP, SMTP, FTP, DHCP, RTP, RTSP, SDP, PPPoE, Ethernet	•	•	•	•	•	•
IEEE 802.11b long range wireless						•

AirGoogle™ Video Accessories

Camera Housing



*wiper optional

CH100HB
High Temperature



CH200HB
Mild Climate



CH300HB
Low Temperature



CH110
Ceiling Mount

Pan/Tilt/Zoom Module



PT100



PT200

Camera Housing Brackets



CB100



CB200



CB300



CB400
*for PT200 only



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