

# Wi-Fi Video

## Wireless Networking

### AP / Client / Repeater / Bridge

Low cost wireless transceiver and Wi-Fi network device providing easy and effective video transmission between two points.

- High Quality Robust Product / High Network Efficiency
- IEEE 802.11 b/g compliance for interoperability with third party clients
- Integrated 12dBi Flat Panel Type Antenna (104-107)
- Provision for external omni-directional antenna (104-018)
- 64bit / 128bit / 152bit WEP Encryption, WiFi Protected Access (WPA) security system
- Range 1-3 km
- Easy Installation / one unit required per end

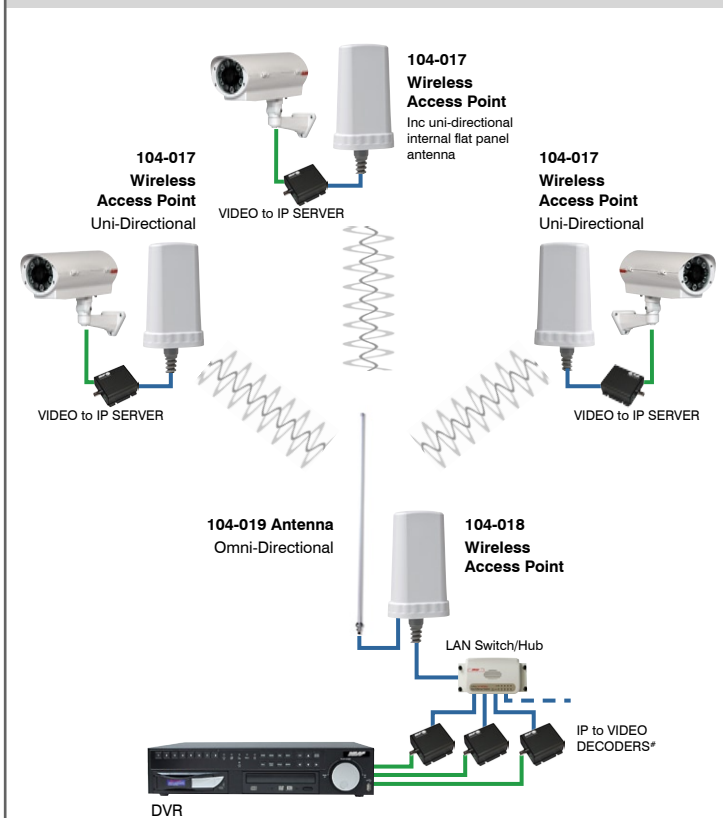
104-017	AMU-24005G 12VDC WIRELESS ACCESS POINT
104-018	ASU-24005GNB 12VDC WIRELESS ACCESS POINT*
104-019	2.4G 15DBI Omni-Directional antenna for 104-018

\* 104-018 requires 104-019 Antenna.

Specifications	
STANDARDS COMPLIANCE	IEEE 802.11b/g; IEEE 802.3; IEEE 802.3u
MEMORY SDRAM/FLASH	8MB / MB
RADIO FREQUENCY TYPE	DSSS/OFDM
MODULATION	IEEE 802.11b: CCK,DQPSK,DBPSKIEEE 802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM
FREQUENCY BAND	America/FCC 2.412~2.462 GHz (11 channels)Europe CE/ETSI 2.412~2.472 GHz (13 channels)
TRANSMISSION POWER	802.11b: 19dBm (20dBm)802.11g: 19dBm (20dBm)
TRANSMISSION RATE	IEEE802.11b: 1/2/5.5/11MbpsIEEE802.11g: 6/9/12/18/24/36/48/54MbpsSuper G: up to 108Mbps
ACCESS POINT INTERFACES	Auto sensing MDI/MDI-X Ethernet 10/100Base-TX: RJ-45
SENSITIVITY	IEEE 802.11b: -86dBm @ 11Mbps, PER < 8%IEEE 802.11g: -72dBm @ 54Mbps, PER < 10%
ANTENNA TYPE	12dBi Flat Panel Antenna (104-017), external antenna (104-018)
SECURITY SYSTEMS	64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access (WPA) and WPA2
WIRELESS SETTING	Operation Mode – AP / Wireless Client / Repeater / Wireless Bridge (WDS) PTP and PtMP
SOFTWARE/FIRMWARE	Site SurveyDHCP ClientSuppressed SSIDWireless access control by MAC address (deny or accept) WPA Support (WPA personal and enterprise) Web-based configuration via web browser. Windows "Locator" program to help find IP in DHCP client mode Firmware upgrade and configuration backup via WebReset to default by WebUI
OPERATING ENVIRONMENT	Operating Temperature: -30 ~ +70°C
POWER REQUIREMENT	12VDC, 1.6A
STANDARD ACCESSORIES	CAT5 25m Cable, RJ45 2m Wire, Bracket Kit
NETWORK MANAGEMENT SYSTEM OS SUPPORT	Windows 98/Me/2000/XP
WARRANTY	One year limited



## System Overview



EXAMPLE NETWORK SCHEMATIC. Cameras, Servers, Decoders, Antenna, Ethernet Hub, DVR, all sold separately. \*One Decoder required per server.

### Accessories Included



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