

## GENERAL INFORMATION

This system is a Wireless Camera Monitoring system, which provides with a high speed wireless LAN for IEEE 802.11b/g.

### <Main Features>

#### 1.Camera Image Monitoring

Simply connect the BL-WV10A to the user's Panasonic home network cameras (sold separately) and to his TV, and the user will be able to view camera images conveniently on his TV.

BL-C30A wireless cameras can be connected as well, meaning the user won't have to worry about running cables from the BL-WV10A to each camera.

#### 2.Pan/Tilt Feature

Aim the camera wherever you want by simply pressing the navigator keys on the included remote control.

### <ETHERNET LAN INTERFACE : LAN>

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| Protocol Ports          | :Four RJ-45 port for PCs and network cameras        |
| Standards               | :IEEE802.3(10Base-T),IEEE802.3u(100Base-TX)         |
| Speed                   | :10/100Mbps (automatic assignment)                  |
| Data Communication Mode | :Half duplex/full duplex (automatic identification) |
| MDI/MDI-X               | : Automatic detection                               |

### <RF BLOCK>

#### IEEE802.11g

|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Date Signaling Rate     | :54Mbit/s,48Mbit/s,36Mbit/s,24Mbit/s,18Mbit/s,12Mbit/s,9Mbit/s<br>and 6Mbit/s                                                                    |
| Media Access Protocol : | CSMA/CA(Collision Avoidance)                                                                                                                     |
| Base-Band Modulation    | :OFDM 54Mbit/s, 48Mbit/s, 36Mbit/s, 24Mbit/s, 18Mbit/s, 12Mbit/s,<br>9Mbit/s<br>(before spreading) and 6Mbit/s                                   |
| Carrier Frequency       | :Selectable from factory pre-programmed set according to<br>2412 ~ 2462MHz<br>(2412,2417,2422,2427,2432,2437,2442,2447,2452,2457<br>and 2462MHz) |
| RF Power Density        | : < 8 dBm/3kHz                                                                                                                                   |

#### IEEE802.11b

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| Date Signaling Rate:   | 11Mbit/s,5.5Mbit/s,2Mbit/s and 1Mbit/s                            |
| Media Access Protocol: | CSMA/CA(Collision Avoidance)                                      |
| Base-Band Modulation:  | 11Mbit/s,5.5Mbit/s : Complementary Code Keying (CCK) 8bits/symbol |

|                    |                                                                                                                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (before spreading) | 2Mbit/s : DQPSK<br>1Mbit/s : DBPSK                                                                                                                                                                                                      |
| Spread Spectrum:   | 1Mbit/s,2Mbit/s : Direct Sequence with 11 chips/symbol interval.<br>Pseudo random Barker code sequence:<br>Chipping Rate: 11Mchips/s<br>5.5Mbit/s,11Mbit/s : Complementary Code Keying (CCK) 8bits/symbol<br>Chipping Rate : 11Mchips/s |
| Carrier Frequency: | Selectable from factory pre-programmed set according to<br>2412 ~ 2462MHz<br>(2412,2417,2422,2427,2432,2437,2442,2447,2452,2457 and<br>2462 MHz)                                                                                        |
| RF Power Density:  | < 8 dBm/3kHz                                                                                                                                                                                                                            |