



300Mbps Wireless HomeGuard22 Router



WBR-6022

H/W Version: 1

Surveillance simplicity at its finest

It used to be that if you wanted to set up a surveillance system you needed deep networking knowledge or had to call a professional installer to get the job done. But now the new LevelOne HomeGuard22 (WBR-6022) lets you build and customize a system on your own: quickly and effortlessly.

How does it work?

All of the technical details (IP address assignment, port-forwarding, etc) takes place within the router. Just plug the camera(s) into the back of the HomeGuard22 and it will discover and configure each device for optimal compatibility.

Access, view, and store

With your new security system up and running, users can view their cameras to check in on their family or pets while they're away. The LevelOne DNS™ service points directly to your cameras for fast and easy viewing. Just open up any browser and type in your device address and you can see your cameras no matter where you are in the world.

The HomeGuard22 system is also compatible with LevelOne's NAS series to record video for an extra level of security.



1. Wireless Signal On/Off Button
2. LED Indicators
3. WiFi Protected Setup(WPS) Button
4. Sleep Button
5. Power Port
6. LAN Interface
7. WAN Interface

Key Features

- 2 External and 1 internal antennas with 2T/3R MIMO Technology for Wireless Data Rates of up to 300Mbps
- Home Surveillance with Multi-Camera Live Monitoring, Snapshot, Recording* and Playback
- Supports up to 4 Live Video Feeds
- Supports Continuous, Manual or Scheduled Recording* Modes
- Playback with Media Player Software
- Remote Access with Level1DNS™ Service
- Wireless Security with WEP, WPA, WPA2, 802.1x RADIUS
- Built-In Firewall and Quality of Service
- Quick and Easy Setup Wizards

Works Well With



WCS-0020
11b/g Wireless P/T/Z IP
Network Camera



FNS-1020
1-Bay Simple Network Storage
(H/W: 2.0)

* To record IP camera video feeds, WBR-6022 must be used with FNS-1020 (H/W: 2.0)



Technical Specification

Home Surveillance Feature

System support up to 4 IP-Cam and 2 NAS (FNS-1020)
 Real time monitoring, snapshot, recording and playback
 Support Continuous/Manual/Schedule Recording mode
 Support Playback by windows media player
 Bundle with LevelOne DDNS service for easy to remote access

Compatible list

FCS-0010/WCS-0010, FCS-0020/WCS-0020
 FCS-1030/WCS-2030, FCS-1060/WCS-2060
 FCS-1091/WCS-1090, FCS-1081A/FCS-1101
 FCS-3021/FNS-1020, FCS-0030/WCS-0030

LAN-Interface

4 x 10/100 Mbps Auto-MDIX RJ-45 Port

WAN-Interface and Standards

1 x 10/100 Mbps Auto-MDIX RJ-45 Port
 Static-IP Address, Dynamic IP Address (DHCP Client), PPPoE,
 PPTP, L2TP

Connection Scheme

Auto Connect-on-Demand/Auto-Disconnect
 Auto Reconnect, Manually Connect/Disconnect

Wireless Data Transfer Rate

802.11n: 300 ~ 78 Mbps (20/40Mhz)
 802.11g: 54 ~ 6 Mbps
 802.11b: 11 ~ 1 Mbps

Concurrent NAT Session

Current Session up to 20K

Number of Channels

Ch.1 ~ 11 USA
 Ch.1 ~ 13 EU, Japan

Operating Frequency

2.4 ~ 2.4835 GHz

Antennas

2x 2dBi Removable and 1x 2dBi Internal Antennas

Wireless Security

WEP 64/128-bit Web share key encryption
 WPA-PSK, WPA2-PSK, 802.1x RADIUS support
 128-bit TKIP/AES encryption
 SSID Broadcast On/Off
 WiFi Protect Setup (WPS) Push Button Support

Access Point Modes

WDS - One-to-Many Peer APs (Max : 4)
 AP Client

Firewall

DoS Detection
 NAT Firewall with SPI mode
 Virtual Server, DMZ
 Schedule-Based MAC, IP, Domain and URL Filtering

QoS Support

User Friendly Quality of Service Interface
 Port Number and IP Address Traffic Prioritization
 802.11e WMM Supported

Other Features

DDNS Supported, UPnP Supported, NTP Time Server, VPN Pass-Through (PPTP, IPSec, L2TP)

Power Saving

Active Link Detection for LAN Ports
 Low Power Wireless Mode
 Smart Scheduled Sleep Mode
 WiFi Disable Button

Management

Quick Installation Wizard and EZ Setup Utility
 Web-Based GUI Configuration
 Syslog Monitoring, Email Alert
 SNMP Supported

Firmware Upgrade

Web-based (HTTP), Windows Utility

Supported Operating Systems

Windows 2000/XP/Vista/Mac OSX/Linux

Power Adapter

DC5V / 1.2A

Operating Temperature

0°C ~ 40°C / 85% Humidity

Storage Temperature

-20°C ~ 70°C / 95% Humidity

Dimensions

187mm x 112mm x 29mm

Certifications

CE, FCC

Standard Compliant

IEEE 802.11n specification,
 IEEE 802.11g, IEEE 802.11b, IEEE 802.11i, IEEE 802.1x
 IEEE 802.11e, IEEE 802.3x, IEEE 802.3, IEEE 802.3u

Cam Reorder (Optional)

To record IP camera video feeds, WBR-6022 must be used with
 FNS-1020 (H/W: 2.0)
 Each FNS-1020 (H/W: 2.0) can support record up to 4 cameras

Product Diagram

Childcare and elder care



Wireless Network Camera

Garage



Wireless Network Camera

Living Room



P/T/Z Network Camera



Remote Monitoring Over the Internet



Internet



Cable/DSL Modem



WBR-6022
HomeGuard 22



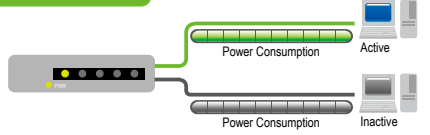
Local Monitoring



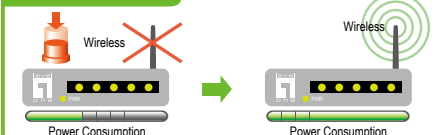
FNS-1020
(H/W: 2.0)

Power Saving by

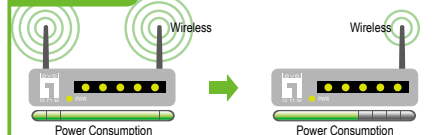
Active Link Detection



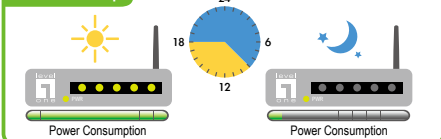
Wireless Disable Button



Low Power Mode



Scheduled Sleep



Order Information

Package Content

WBR-6022: 300Mbps Wireless HomeGuard22 Router

WBR-6022
Power Adapter
Antenna x2
RJ45 Ethernet LAN Cable
Quick Installation Guide
CD Manual / Utility

Optional



FNS-1020

1-Bay Simple Network Storage
(H/W: 2.0)