The Brightest Choice of Networking & Communication

# BPZ10012WP

## BayLan 1- Parallel Port Wireless print Server


## FEATURES:

- Parallel: 1 CEN-36-pin male Centronics port, supporting bi-directional communication
- Wireless LAN: Complies with IEEE 802.11b standard, supporting Ad-Hoc and Infrastructure modes

## SPECIFICATIONS:

| | |
|---|---|
| Applicable<br>Stranded | Complies with IEEE 802.11b Direct Sequence Spread Spectrum (DSSS) standard |
| Radio Frequency | 2.4GHz ISM Band |
| TYPICAL OPERATING RANGES* | INDOOR: OUTDOOR (OPEN SPACE):<br><br>35 ~ 50M @ 11 MBPS 250M @11MBPS<br>80M @ 5.5 MBPS 350M @5.5MBPS<br>120M @ 2 MBPS 400M @ 2MBPS<br>150M @ 1 MBPS 500M @ 1MBPS |
| Media Access Control Method | Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA), with ACK |
| Modulation Types | CCK (11 & 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) |
| WEP (WIRED EQUIVALENT PRIVACY) ENCRYPTION | SUPPORTS 64- AND 128-BIT |
| MODES | AD-HOC AND INFRASTRUCTURE (USER-DEFINABLE VIA WEB MANAGEMENT INTERFACE) |
| RADIO SENSITIVITY (BER < 8%) | MIN. -83DBM FOR 11MBPS; MIN. -86DBM FOR 5.5MBPS;<br>MIN. -88DBM FOR 1/2MBPS |
| TYPE OF ANTENNA | INTERNAL |
| WEP (WIRED EQUIVALENT PRIVACY) ENCRYPTION | SUPPORTS 64- AND 128-BIT |
| BASIC 802.11B SETTINGS | MODE, SSID, CHANNEL NUMBER, DATA TRANSMIT RATES, SITE SURVEY |
| ADVANCED 802.11B SETTINGS | AUTHENTICATION METHODS (OPEN SYSTEM / SHARD KEY), BEACON INTERVAL, PREAMBLE |
| OUTPUT POWER | +13 ~ +17DBM (TYPICAL +15DBM) |

Specifications are subject to change without prior notice with advancement in technology.

**HARDWARE SPECIFICATION***

| | |
|---|---|
| CPU FLASH | ARM7-BASED RISC MICROPROCESSOR, OPERATING AT 50MHZ |
| FLASH | 1MBYTES |
| SYSTEM MEMORY | 2MBYTES SDRAM |
| USB PORT | 1 USB 1.1-COMPLIANT PORT, SUPPORTING BI-DIRECTIONAL COMMUNICATION |
| DIAGNOSTIC DIP SWITCH | YES |
| LED LIGHTS | STATUS: YELLOW COLOR, INDICATING POST PROCESS<br>WLAN ACTIVE: GREEN COLOR, INDICATING DATA IN TRANSMISSION |
| DIAGNOSTIC DIP SWITCH | YES RESET/LOAD DEFAULT BUTTON |
| RESET/LOAD DEFAULT BUTTON | YES |

**OTHERS**

| | |
|---|---|
| ID SIZE | 53 X 64 MM (TOLERANCE: 1 MM) |
| POWER SUPPLY | B 3.3V, 2A |
| EMI CERTIFICATIONS | CE / FCC CLASS |
| TEMPERATURE | Operating : 0~50°C; Storage : -5 ~ 65 **°C** |
| HUMIDITY | Operating:0~70%; Storage : 0 ~ 80% |

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