

# PB24L24/L58/L900

## Wireless Power Box



"Videolarm's IP Ready™ Wireless Power Boxes provide a solution for difficult-to-wire remote and isolated areas. Each unit includes 84va power supply, designed for either 230Vac or 115Vac input with 24Vac output. Compatible with leading network camera manufacturers, the PB24L24, PB24L58, and PB24L900 protect you from costly installations while providing you with the benefits of network video with the functionality and freedom of wireless connectivity. Ideal for Parking Lot Security, Fire/Police/Rescue, Schools, Traffic, and Border Patrol applications."

- *Wireless access point / bridge / router for IP Cameras*
- *Omni directional antenna*
- *Simple installation / designed to connect directly to Videolarm's Wall Mount*
- *Three transmitting models: 2.4GHz (WiFi b/g), 5.8GHz (WiFi a), and 900MHz*
- *Rugged outdoor NEMA box (4x / IP67 rated)*
- *Built-in web-based management feature / MAC access control*
- *Transmit power up to 300 mW*
- *128-bit encryption*

# PB24L24 / L58 / L900

Three Models: 2.4GHz, 5.8GHz and 900MHz

## 2.4 GHz Model (Wi-Fi BG):

**PB24L24:** A rugged outdoor wireless box, with a 220/110vac input and 24vac output for camera, fuse protected. With a wireless 2.4GHz access point. Omni directional antenna. *Transmission distance Line-of-Site 2,000ft. Optional directional antenna(s): 2 miles (1 ant.) 4 miles (2 ant.).*

## 5.8 GHz Model (Wi-Fi A): PB24L58:

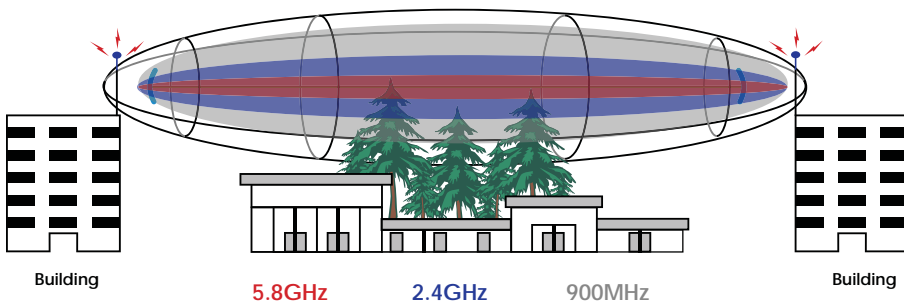
A rugged outdoor wireless box, with a 220/110vac input and 24vac output for camera, fuse protected. With a wireless 5.8GHz access point. Omni directional antenna. *Transmission distance Line-of-Site 2,000ft. Optional directional antenna(s) 2 miles (1 ant.) 4 miles (2 ant.).*

## 900 MHz Model (Non-Line-of-Site

**Applications): PB24L900:** A rugged outdoor wireless box, with a 220/110vac input and 24vac output for camera, fuse protected. With a wireless 900MHz transmitter and matching receiver. Directional antennas. *900MHz signal penetrates trees and foliage. Transmission distance Non Line-of-Site 1 mile. Optional directional antenna(s): 4 miles (1 ant.) 8 miles (2 ant.).*

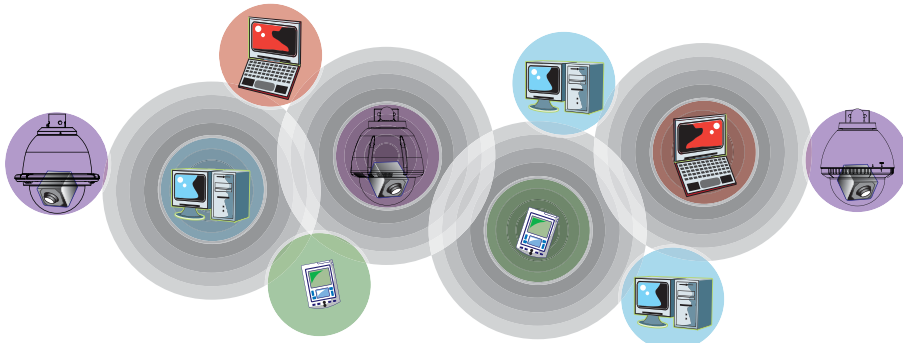
## Line-of-Site & the Fresnel Zone

When constructing an effective wireless system, two leading factors to take into account are your surveillance areas Line of Sight and Fresnel Zone. These two visual path indicators will help direct you in both the selection of the ideal transmitting frequency hardware to obtain and the layout of your wireless system.

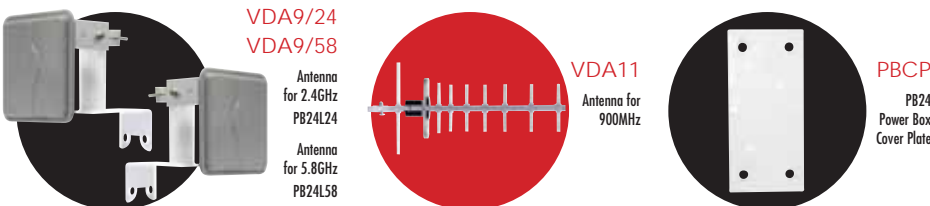


## Create a Wireless Communication Mesh Network

Another added feature for wireless communication is the scalability with multiple cameras and other IP devices, which can be remotely accessed by multiple viewers.



## Optional Components and Accessories:



## Mechanical Specifications

Size: (h*w*d)	2.3" x 8.7" x 5.7" 374 x 208 x 369mm
Weight:	3 lbs. / 1.4Kg

## Electrical Specifications

Power:	24vac, 10 watts (va)
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## Environmental Specifications

Operating Temperature:	-5° F to + 140° F (-20° C to + 60° C)
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## Wireless Specifications 2.4GHz PB24L24

Standard:	802.11b/g(Wireless), 802.3(10BaseT), 802.3u(100BaseT)
Data Transfer Rate:	54Mbps(Wireless), 100Mbps(Ethernet)
Security:	64 bit/ 128 bit WEP, WPA, WPA2, port filtering, IP filtering, MAC filtering, port forwarding and DMZ hosting
WLAN Broadband Router:	Complies with IEEE 802.11b/g standard for 2.4GHz Wireless LAN
Supports:	Bridging, routing, VPN, WISP functions between wireless and wired Ethernet interfaces, (IAPP), (WDS), Supports DHCP server/client, static and dynamic IP routing, firewall security with port filtering, IP filtering, MAC filtering, port forwarding, trigger port and DMZ hosting functions, WEB based management and configuration, UPnP, Dynamic DNS service, NTP client service., IPSEC tunnel encryption(3DES AES128) and authentication (MD5/SHA1), WISP (Wireless ISP), Supports Bandwidth control by IP or MAC
Output power:	16mW to 400mW (12dBm to 26dBm)

## Network Specifications 5.8GHz PB24L58

Standard:	802.11a(Wireless),
Data Transfer Rate:	54Mbps(Wireless), 100Mbps(Ethernet)
Security:	64 bit/ 128 bit WEP, WPA, WPA2, port filtering, IP filtering, MAC filtering, port forwarding and DMZ hosting
WLAN Broadband Router	Complies with IEEE 802.11a standard for 5.8GHz Wireless LAN

## Network Specifications 900Mhz PB24L900

Data Transfer Rate:	935 kbps(Wireless)
Security:	128-bit encryption provides secure data transfer. Every transmitter and receiver are matched pairs.
Radio channels:	12 Non-overlapping
Frequency select:	Automatic or manual

## Certifications and Ratings



For full product specs, go to [www.videolarm.com](http://www.videolarm.com) and use the search engine to navigate to a specific product page.

