Internet Hotspot Solutions for Marinas

Boat owners consider the Internet WiFi Hotspot to be an essential amenity at any marina.

Most marinas already offer some type of wireless Internet service for visitors due to the demand for this service. Some marinas also provide a computer at the main office where visitors can check email. However there are drawbacks:
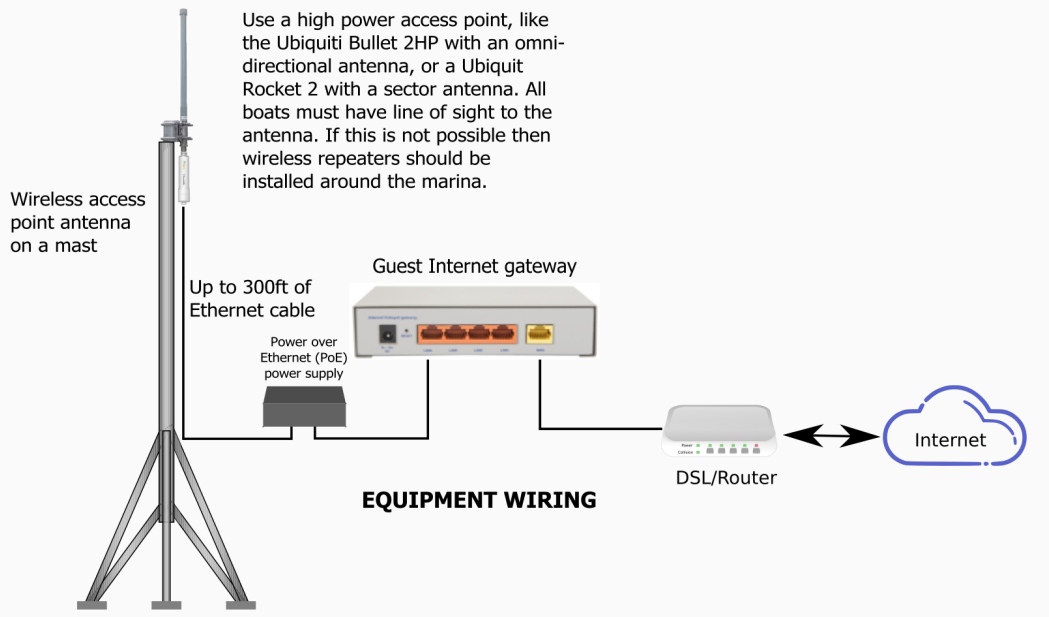
Marina owners face risks by offering an open WiFi Hotspot. Risks vary from getting the business computers and PoS hacked, to getting sued for illegal downloading of copyrighted files.

Guest Internet Hotspot gateways have a firewall that is PCI compliant and protects your business computers and PoS from hackers.

The P2P blocker is another important feature that prevents visitors sharing copyrighted files, ensuring that there is no risk to the marina owner of copyright lawsuits.

Provide free access for visitors, or use the gateway credit card billing feature to charge for the Internet service through your PayPal® business account.

Ensure that the Internet service is shared equally between all the visitors by regulating the bandwidth of each user.

Use a high power access point, like the Ubiquiti Bullet 2HP with an omni-directional antenna, or a Ubiquit Rocket 2 with a sector antenna. All boats must have line of sight to the antenna. If this is not possible then wireless repeaters should be installed around the marina.

Wireless access point antenna on a mast

Up to 300ft of Ethernet cable

Power over Ethernet (PoE) power supply

Guest Internet gateway

EQUIPMENT WIRING

DSL/Router

Internet

The Guest Internet gateway is installed in the main office together with the DSL or Cable router. An Ethernet cable runs from the gateway LAN port to the power injector for the wireless access point, and then along another Ethernet cable up to 300 feet in length. This cable runs up a tall mast with the wireless access point installed at the top of the mast. The wireless access point should be above the height of adjacent trees to ensure good signal transmission.

Option 1
GIS-R4

- Gateway can connect one or more outdoor wireless access points
- Up to 50 concurrent users with laptops and smartphones
- 75 Mb/s throughput
- Credit card billing option
- Peer to peer P2P blocking that prevents illegal file downloads

Option 2
GIS-R6

- Gateway supports multiple wireless access points
- Up to 100 concurrent users with laptops and smartphones
- 100 Mb/s throughput
- Credit card billing option
- Peer to peer P2P blocking that prevents illegal file downloads

Option 3
GIS-R20

- Gateway for high schools and colleges having multiple wireless access points installed
- Up to 500 concurrent users
- Peer to peer (P2P) illegal file share blocking
- Content filtering, block adult websites
- Failsafe operation, dual WAN throughput up to 200 Mb/s, with load balance and failover for high reliability

We manufacture a range of hotspot products that offer the exact price / performance for any type of Internet business. Do you have special requirements for your Internet Hotspot? Our technical support staff will be glad to help you with a solution that meets your specific requirements. We can also provide a custom login page service based on your business web site. Please see our web site: www.guest-internet.com for product data sheets and manuals.