

Security Camera Installation Package with Setel PowerLine

“Enabling without Cabling”

What is Setel PowerLine Technology?

Setel PowerLine uses technology that allows IP ethernet signals to travel over the ships’ electrical grid without interference to existing equipment. Once installed onto the vessels electrical grid; Setel Powerline modules can be installed anywhere on the vessel where there is an existing electrical drop such as lighting, outlets, machinery, etc. Setel creates a LAN onboard the vessel without running any cabling!

Reliability

The Setel PowerLine SPL-HDG-GWY Gateway is the backbone of the system and is built to withstand harsh environments. Designed to have an 11-year meantime-between-failures; the Gateway has an operating temperature from -40 to +85 Celsius.

Installing Security Cameras Onboard Vessels has Never Been This Easy!

The primary obstacle to installing cameras onboard any vessel is the almost insurmountable task of running thousands of feet of cable. This task is often time consuming, expensive, and can damage existing cabling. Setel PowerLine solves this problem by creating a LAN network or a Point to Point network on the Ships’ Electrical Grid which allows Cameras to be placed anywhere. Any IP or analog camera will work with Setel PowerLine. Place cameras on the Bow, Engine Room, Bridge, Bridge-wings, just about anywhere; all in a fraction of the time it would take to install traditional camera systems. These systems can typically be installed during one port visit.



Setel PowerLine Gateway with Samsung Analog Camera



Setel Powerline Gateway
SPL-HDG-GWY

Setel Powerline BPL Installation Advantages:

- Economic
- Non-Invasive
- Installation Time is Significantly Reduced
- Easy Provisioning
- Vessel Wide
- Enables Future Expansion of Anything Ethernet, Not Just Security Cameras.

Why Install a Security Camera?

Having a security camera solution installed allows for monitoring of ships operations and movements in real time. Security camera solutions can provide a tool for personnel accountability, increasing personnel safety awareness, and enhancing shipboard security. Today’s security camera system analytics can alert the crew on movements and events; provide personnel counting and provide thermal analysis and alerts of critical machinery. Insurance Agencies may provide a premium discount if a security camera solution is installed onboard the vessel.



Setel Powerline Wireless
Access Point SPL-CPE-WAP

Setel PowerLine Provides for Future Expansion

Once the Setel PowerLine system is installed onboard the vessel, adding future equipment is straightforward; simply plug in a Gateway or Access Point to add connectivity to the existing BPL network. VSAT or FBB distribution throughout the vessel is simple using Setel’s *Wireless Access Points* on the Accommodation decks; or run a signal from the Engine room to the Bridge or anywhere on the vessel using Setel Gateways. Install IP phones with ease or install RFID Video badges for crew tracking.



Mackay Marine is your Security Camera Solution Specialist!

Using the best security brands in the industry; Mackay can design a custom security solution that meets the needs of your vessel. Contact us today for a custom quote.



For more information, please contact Mackay Marine at: sales@mackaymarine.com or +1 281 479 1515

Creating the Smartships of tomorrow – TODAY!

The Setel PowerLine network is a widely adopted, cost-effective solution to deliver all your connectivity and communication requirements no matter the age or size of your vessels or platforms.

Including but not limited to:

- Internet Access
- Satellite Distribution
- Wi-Fi for Crew Welfare
- CCTV Security
- Condition Based Maintenance
- VoIP Telephony
- RFID Tracking
- Operational Communications
- Equipment Monitoring
- Telemedicine
- Situational Awareness
- Anti-Piracy Solutions
- Container Monitoring
- Crew & Passenger Tracking
- Internal LAN Expansion

All these and more, delivered at the same time over the same Setel PowerLine network, and retrofitted invisibly in a matter of hours!

Smart Ships use PowerLine

