



WaveController

network
interface

The link to WaveRider

Small, unobtrusive, but powerful – The Heartland MicroPayments WaveController is the vital link between your WaveReaders and the WaveRider system.

The WaveController is completely wireless, easy to install, and supports up to thirty WaveReaders (each) with Zigbee mesh-network technology. After coordinating all communications traffic with the WaveReaders, the WaveController utilizes a secure, convenient cellular (or LAN) connection to the host network for transaction authorization, settlement, and machine auditing.

The WaveController also serves as the information gateway for Heartland's WaveVision and WaveCentral services. WaveVision allows your laundry service customers to know which machines are available, and when their laundry cycle has finished. WaveCentral makes sure you know what is happening with your machines, and when service actions may be needed.

NOTE: The WaveRider Mobile application is not supported in laundry rooms using **LAN connected WaveControllers**, at this time.



KEY FEATURES

- Totally Secure Transactions
- Wireless to Readers
- Cell or LAN to host
- Simple installation
- Tamper resistant
- Supports up to 30 machines
- Remote upgrades



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The **WaveController** provides the following features and functionality:

✓ **Benefits & Advantages**

- Completely wireless connectivity to WaveReaders and host network
- Small footprint maximizes installation options
- Economical - can support up to thirty WaveReaders per WaveController

✓ **Remote Capabilities**

- Fully supports WaveVision
- Fully supports WaveCentral
- **WaveRider Mobile** enabled
- Remote software upgrades for both the controller and WaveReaders

✓ **Connectivity Methods**

- Cellular – to host
- LAN – to host
- Zigbee – to Wave Readers

Technical Specifications - WaveController	
Physical Dimensions	6" H x 7" W x 2.5" D
Weight	1 lbs.
Exterior Finish	Smooth finish, high-impact thermal plastic (WHITE)
Electrical Requirements	24VDC, < 1 Amp max load (120VAC transformer supplied)
Electronic Security	All programming functions are password protected. All communications are encrypted
Physical Security	Housing is high-impact plastic with a closing, lockable cover to deter casual meddling. Can be mounted in more secured (radio-transparent) housing or structure
Remote Management	Financial Auditing, WaveVision, and WaveCentral
Communications	Zigbee to WaveReaders (encrypted) Cellular to Host (encrypted)
Operating Temperature	41 F to 104 F (+5 C to +40 C)
Relative Operating Humidity	20% - 80%, non-condensing
Mounting Options	Wall mount. Can be installed virtually anywhere that ensures reliable wireless connections



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