SMART HANDHELD CONTROLLER

OVERVIEW

The Versilis Smart Handheld Controller is a powerful and versatile tool used to control, monitor, and facilitate diagnostic of ITS field devices as part of regular roadway or maintenance operations. It can be used as the primary and unique control device with an optional modem, or act as a secondary or backup option.

The Smart Handheld Controller is equipped with the following components: a keypad, a display, a USB interface, and a rechargeable lithium battery. It can also be equipped with an RF Modem (optional) featuring an ITS field device sequencer. The Smart Handheld Controller is password-protected, ensuring security, and can establish a physical connection to fields devices, serving as a valuable tool for control and monitoring.

A Smart Handheld Controller equipped with a modem is capable of managing multiple sites through distinct network IDs, providing flexibility and control over various locations. Specific operating parameters for each site can be programmed into the remote control.

❯ Used for regular roadway operation or maintenance

❯ Highly configurable for any standard operating procedures

❯ User-friendly monitoring and control of ITS field devices

ABOUT VERSILIS
Versilis takes pride in developing quality innovations and providing exceptional service. Everything we do is governed by three principles: quality, safety and efficiency. In an effort to meet the highest quality standards and respond to clients' evolving requirements, Versilis engineers work hard at continuous product improvement. For this reason, Versilis reserves the right to modify minor technical details listed in this product information sheet without warning.

SAFETY
PERFORMANCE
EFFICIENCY

INCREASED HIGHWAY OPERATION EFFICIENCY

SMART HANDHELD CONTROLLER
TECHNICAL FEATURES

Keypad	Membrane keypad with thermoformed tactile keys
Display	3.5 inch LCD RGB 320x240
Display adjustment	Contrast, intensity and timeout (standby mode)
Modem (optional)	Modem designed for reliable transfer of digital data with a Frequency Hopping Spread Spectrum (FHSS) protocol. Automatically handles all radio functions resulting in a UART-to-antenna wireless link. Frequency option : ISM Band 915MHz (902 to 928MHz) or Band 868MHz (863 to 870MHz)
Ports	2 USB ports: • Standard USB type A for RS232 adapter and USB key storage • Micro USB type B for recharge and update its own firmware
Dimensions	3,74x 12,2 x 1,97 in (95 x 310 x 50 mm) (with antenna)
Weight	1.11 lbs (504 kg)
Language	English, French, Spanish
Password	2 levels password access: operator, manager (site management)
Inside Storage	Inside storage for multiple firmware used for update of gate controllers
Capabilities	• Import/export gate controller firmware to/from inside storage via USB port (thumb drive) • Import/export site settings to/from inside storage via USB port (thumb drive)

Operational Features	**Smart Handheld Controller physically connected to device using provided cable**
	• Control and monitoring:
	    • Deploy, retract and stop device
	    • Device information and statuses
	• Maintenance and troubleshooting:
	    • Device alarms
	    • Device configuration
	    • Device firmware update
	
	Smart Handheld Controller wirelessly connected through RF modem (optional)
	• Can manage up to 40 sites
	• Individual site options:
	    •10 Configurable deploy grouping
	    • 10 Configurable retract grouping
	    • 3 shortcut keys for direct access per site
	• Sequencer for control and monitoring of ITS devices:
	    • Control:
	        • Progressively (in sequence) deploy or retract group of devices
	        • All at once (all together) deploy, retract and stop group of devices
	        • Deploy, retract and stop single device
	    • Monitoring and troubleshooting:
	        • Device information and statuses
	        • Device alarms
	Control and monitoring of a Versilis Commander:
	    • Deploy, retract and stop each group
	    • Group statuses
	    • Device statuses and alarms

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