

# DeviceController™ Flashing Beacon



When flashing beacons turn on late or fail to operate, pedestrians are at risk, especially children in school zones. The challenge is without an easy way to change and maintain your schedules, children are exposed to the possibility of injury and your agency is exposed to liability.

Like most agencies, your equipment budget may be stretched thin with many other pressing safety projects. Those budget constraints may be limiting your ability to benefit from new technologies.

**There is a better way, and it works with new or existing flashing beacon systems.**

## An intelligent, all-in-one time clock controller for new and existing flashing beacon systems

Make your new or existing flashing beacons smart, regardless of manufacturer, by adding our compact **DeviceController™ Flashing Beacon (DC-FB)**. This low-cost device expands your scheduling capability, provides on-location two-way wireless communication and opens the door to other intelligent features to save you time and money. Smarter beacons mean safer pedestrians.

### State-of-the-art two-way wireless communication

By adding the DC-FB to your new or existing flashing beacon systems, you will be able to communicate via Bluetooth® with each installation from up to 50 feet away, using our **DeviceManager OnSite™** application on your laptop. No need to open the enclosure, activate pushbuttons or keypads, or install and remove chips. You can even stay in your vehicle!

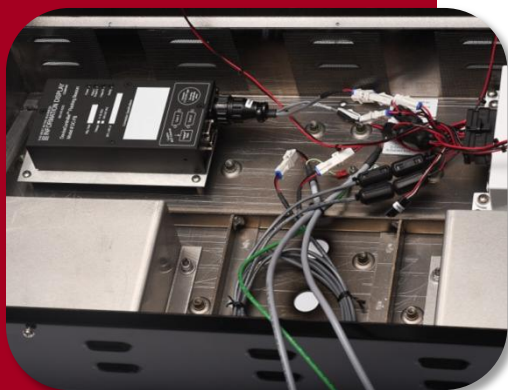
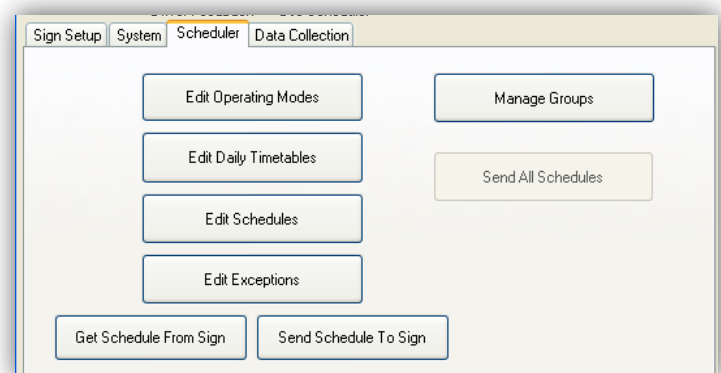
### Plug and play installation for all major manufacturers

About the size of a 5 x 8" card, the DC-FB includes a wiring harness and plug and play compatibility for all major flashing systems. This tiny footprint allows easy integration within your new and existing enclosures, installing quickly without special tools.

### Fast, accurate scheduling with unlimited options

**SchedulePro™** gives you full scheduling capability with unlimited schedules and modes on a two-year perpetual calendar with exceptions.

Our user-friendly **DeviceManager™** lets you create schedules offline then upload them to your flashing beacons via our **OnSite™** wireless interface. One schedule can be transferred to multiple devices.



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## Specifications for DeviceController™ Flashing Beacon

<b>Time clock accuracy</b>	Automatic daylight saving time; 3 ppm accuracy from -15 C to +60 C (maximum error 0.26 seconds / day, 95 seconds / year); SuperCap provides 1 week clock backup without power
<b>Dimensions</b>	8.00" x 3.75" x 1.75" plus CPC plug and wiring harness
<b>LED status indicators</b>	Lights on controller indicate power status, operation of flashing beacons, wireless communication activity
<b>Input power</b>	12VDC or 120/240VAC
<b>Output power solar</b> 12VDC operation	<b>Direct drive of flashers:</b> 2 outputs, 6A per channel, 6A total for solar-powered systems. <b>Relay Output:</b> contact rating, 12A continuous
<b>Output power AC</b> 110VAC operation	<b>Direct drive of flashers:</b> 2 channel solid state switched output, 3 amp (330 watt) per channel, 6 amp (660 watt) total. <b>Relay Output:</b> 12A continuous
<b>Input protection</b>	Reverse-polarity protected via solid-state fuse
<b>Operating temperature</b>	-35 deg. C to +75 deg. C, 95% RH non-condensing
<b>Enclosure and connector</b>	Aluminum case with acrylic front panel; standard circular polarized connector (CPC)
<b>Certifications</b>	NEMA TS-2 environmental tests for operating temperature and humidity, vibration, and shock. FCC 15.107 and 15.109 Class A radiated and conducted emissions compliance. FDOT APL Listed 678-008-025
<b>Warranty</b>	Three years on products and technical support
<b>SchedulePro™</b> Unlimited schedules Indefinite memory storage	Set operation hours by time of day and day of week with unlimited schedules and modes on perpetual calendar; includes two-year exception list. Schedule times of day for on and off control, up to 16 ON or OFF cycles per day per relay with one-minute increments (exceeds Type 2 requirements). View current schedule and speed settings modes, edit exceptions by date and time and download pre-configured schedules to any of our devices.

### Two-Way Wireless Communication Options

<b>OnSite™</b>	Enables two-way onsite communication using a laptop with Bluetooth® (Class 2 Bluetooth® device requires metallic enclosure door to be open); includes capabilities to program, update, conduct display diagnostics, and download speed data from up to 50 feet away from any device equipped with DeviceController and Bluetooth® interface; one USB Bluetooth® module per agency included.
Constant monitoring by your service crew is just not feasible. When a failure does occur, you send someone to the installation site to physically troubleshoot. There is no guarantee they will be carrying the right parts to complete the repairs, frequently requiring an expensive additional trips.	
<b>InstaNet™</b>	Enables remote communication from TMC or any remote location to program, update, download speed data, conduct diagnostics via NTCIP, fiber, WAN TCP/IP, cellular modem, radio/RF modem, serial or Ethernet.
<b>OfficeAlert™</b> Requires InstaNet	Provides failure reporting and alert notification via text message or email; includes power monitoring for solar systems, and daily time clock correction using NIST time servers; allows separate email or text contacts for maintenance, administrative, and enforcement.

### Options

<b>Output with external 12VDC</b>	Option to add up to 4 outputs, 8A (110 watts) per channel, 16A (220 watts) total.
<b>TimeKeeper™</b>	Automatic daily time synchronization of on-board clock via GPS satellite signal to government atomic clock.

**Information Display Company Products:** AdvisorySpeed™; DeviceController™ Flashing Beacon, NTCIP Controller; FlashAlert™; Flashing Beacon Systems; InstaNet™ Two-Way Wireless Remote Communication; OfficeAlert™; Portables; SlowDown Alert™; SchedulePro™; SpeedCheck™; TollRate™; TimeKeeper™; TravelTime™; TrafficFlow Manager™; TrafficInfo™; TrafficAnalyzer™; VariableSpeed Limit™, proprietary 900MHz radio