



ALPR SYSTEM INTERFACE BOXES

NEMA BREAKOUT BOXES FOR SPIKE+ AND SPIKEHD ALPR SYSTEMS



Figure 1. The Federal Signal ALPR interface box.

The ALPR interface box provide a simple hardware interface to the Spike+ and SpikeHD integrated cameras and Automated License Plate Recognition processor. Requiring only a 110V AC power supply and communications link via wireless, Ethernet, or LAN, the Spike+ and SpikeHD interface boxes enable cost-effective installation of the Spike+ and SpikeHD integrated cameras and processor. It also provides improved remote diagnosis in the event of a wireless communications failure.

With models available for both single and two camera deployments, the interface box provides all hardware interfaces required for the Spike+ and SpikeHD, including 15-18V power supply and ground, color and video channels, external trigger input (if needed), lightning protection circuitry and data communications interface. All of this functionality is housed in a weatherproof NEMA 4 rated enclosure.

> Features

- Provides all hardware interfaces required for Spike+ and SpikeHD integrated camera and processor
- Available in configurations to support single or two camera deployments.
- NEMA 4 rated weatherproof enclosure

> Benefits

- Enables simple and rapid deployment of Spike+ and SpikeHD
- Reduces overall cost of installation
- Provides primary lightning protection to the camera

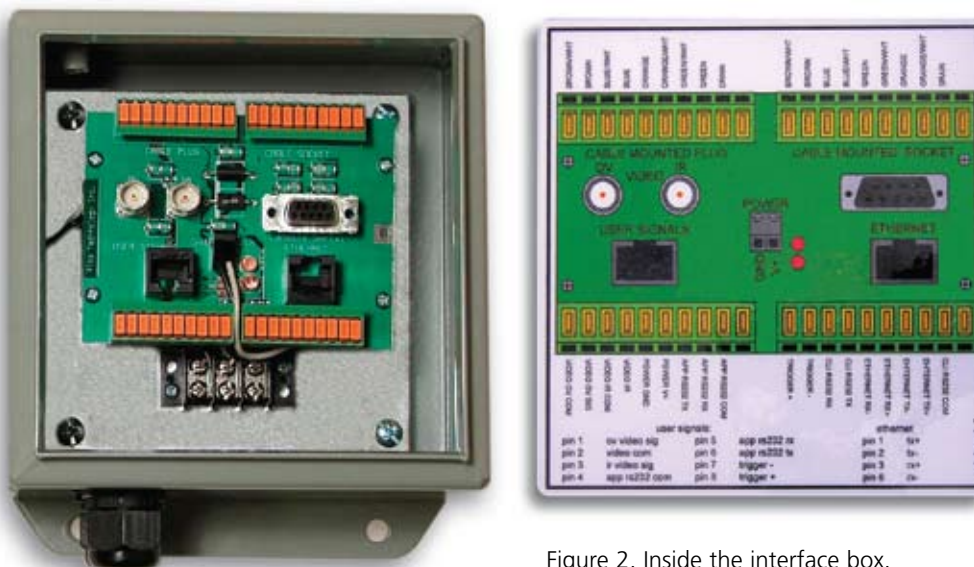
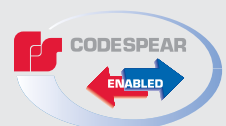


Figure 2, Inside the interface box.

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> Specifications



Interface Box Typical Configuration

- Hardware interface to camera(s)
- Primary lightning protection
- 110V AC with 15V to camera(s)



Figure 3. Federal Signal integrated camera and processors deployed in an urban area.



Figure 4. ALPR Interface Box for Two Cameras



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