The 6100 control system is the industry-leading integrated CAN Bus joystick and spreader controller. Embedded within the 10” color LCD, this controller comes fully equipped with camera integration and PreCise MRM cellular and GPS technologies greatly reducing the footprint of components within the cab.

- **High Resolution 10” Color LCD**
  - Displays information-rich graphical spreader data along with up to three camera feeds eliminating the need for multiple displays within the cab.

- **CAN Bus Central Processing**
  - Provides high-level diagnostics and eliminates bulky harnessing.

- **Connectivity**
  - Plug-and-play with a single connector to a trailer system, spreader body or other slide in attachments.

- **AVL/GPS Integration Onboard**
  - Fully integrated with PreCise® MRM hardware and antennas for accurate reporting on route, location, material application, accessory details and more.
  - Convenient over-the-air updates, configuration and troubleshooting.

- **Wireless Technology**
  - Integrated support for PreCise MRM ARC Wireless Air & Road Conditions System

- **Joystick Options**
  - Available as a standalone spreader controller or integrated within our Patrol Commander Ultra or CommandAll Single joystick consoles.
SSC6100 Control System

Product Specifications

- **Size**: 6.4” H x 9.6” W x 2.6” D
- **Case Material**: ABS plastic
- **Screen Size**: 10.1”
- **Screen Resolution**: 1024 x 600 px
- **Touch Panel**: Capacitive
- **Backlighting**: LED
- **Operating Voltage**: 9-16 VDC
- **Operating Current**: 2A
- **Max System Current**: 40A
- **Discrete Digital Inputs**: 3
- **Current Loop (4-20mA) Input**: 1
- **Dashkey Input**: 1
- **Speedometer**: Dual Adjustable Trip Point, with pull up enable
- **USB 2.0 Type A**: 2
- **Composite Video Inputs**: 3
- **Relay Outputs 1-5**: Shared 15A
- **Solid State Outputs 6-8**: 0.25A Each
- **5V Reference**: 0.1A Limited
- **12V Reference**: 0.1A Limited
- **Connectivity**: 4G Cellular/GPS/2.4 Ghz 802.15.4
- **Electrical Protection Type**: Over-current, reverse polarity, load dump, ESD
- **Electrical Testing**: J1113/4: Bulk Current Injection 1-400MHz
- **J1113/21: Immunity to Electromagnetic Fields 20-1000MHz
- **CISPR 25: RF Radiated Emissions
- **J1113/13: ESD 4 & 8kV Direct, 4/8/15kV Air
- **SAE1455 Shock
- **SAE1455 Swept Sine Vibration
- **SAE1455 Random Vibration

Bright, bold 10” color LCD screen featuring thin borders, capacitance touch for ease of calibration, and a fully-adjustable mounting option for quick installation.

**Cellular Technology**
Convenient over-the-air updates, configuration and troubleshooting.

**Two USB Ports**
Import and export settings without the need of a computer.

**AVL/GPS Integration with Antenna**
Integrated PreCise MRM hardware & antennas for accurate mapping, reporting and real-time information.

**Multiple Camera Feeds**
Supports three camera feeds, eliminating the need for multiple displays within the cab.

**Technical Specifications**

- **Outputs**: 8
  - Relay Outputs 1-5: Shared 15A
  - Solid State Outputs 6-8: 0.25A Each
- **5V Reference**: 0.1A Limited
- **12V Reference**: 0.1A Limited
- **Connectivity**: 4G Cellular/GPS/2.4 Ghz 802.15.4
- **Electrical Protection Type**: Over-current, reverse polarity, load dump, ESD
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Sales and Service Centers

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<td><a href="http://www.forceamerica.com">www.forceamerica.com</a></td>
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