DATASHEET

# SMART570

## Universal Terminal Display

The SMART570™ universal terminal display from PTx Trimble is a flexible and affordable entry to ISOBUS control for any number of precision ag implements. This display functions as a universal terminal (UT) on all vehicles or implements equipped with electronic control units (ECUs) that support the ISOBUS UT standard.




The SMART570 offers a capacitive 5.7 inch (14.5 cm) touch screen for on screen control, 12 programmable softkey membrane buttons for operation while on the move, and a rotary encoder for rapid changes of numerical data. The SMART570 is also capable of displaying machine and implement data when multiple ECUs are attached.

Thanks to its flat design, the terminal is easily installed in any cab as a secondary dedicated UT screen next to existing OEM or aftermarket displays. It offers CAN connectivity through a cabled CPC connector and also displays tractor speed and work position management.

The SMART570 universal terminal display complies with ISOBUS standard ISO 11783 and can be used as an Universal Terminal (UT) on all ISOBUS machines, regardless of manufacturer. The integrated ISOBUS functions are AEF certified for UT and AUX-N standards.

## Key Benefits

- Affordable and flexible precision control
- Intuitive touch and softkey operation
- Clearly viewable full-color screen even in bright sunlight
- AEF-certified ISOBUS compatible functionality for UT and AUX-N
- Compact size for easy in-cab installation

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| Technical | |
|---|---|
| Power | Operating voltage: 9 - 16 V DC |
| Current consumption | Approx. 350 mA |
| Processor (CPU) | 32 Bit STM F767 216 MHz |
| Storage (RAM) | 16 MB |
| Boot USB | 18 MB |
| Operation System | RTX |
| **Mechanical** | |
| Dimensions | L 212 mm (8.35 in) × W 135 mm (5.31 in) × D 44 mm (1.73 in) |
| Weight | Approx. 850 g (29.98 oz) |
| **Housing** | |
| Material | PC-ABS |
| Ingress protection code | IP6K6 (ISO 20653) |
| EMC | In accordance with ISO 14982 |
| ESD Protection | In accordance with ISO 10605 |

| Temperature | |
|---|---|
| Operation | -20 °C to +55 °C (-4 °F to +131 °F) |
| Storage | -30 °C to +85 °C (-22 °F to +185 °F) |
| **Connections** | |
| Power/ISOBUS | 9-pin CPC |
| Sensors | 5-pin M12 |
| **LCD Display** | |
| Size | 5.7" VGA color |
| Touch Screen | Capacitive dual touch |
| Resolution | 640 × 480 |
| **Additional operation** | |
| Rotary encoder and membrane keyboard | |

Contact your PTx Trimble Reseller today

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