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	

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