

HMI

KeTop T150 / T155

Handheld terminal



Product features

- // Multitouch screen
- // Smart device usability
- // Maximum brilliance, highest precision
- // Customizability

Short description

The KeTop T15x features a capacitive touchscreen with real multitouch operability, which facilitates intuitive use, maximum ergonomics, and the best possible user experience. In spite of a display size of 10 inches, the KeTop T15x is a real lightweight.

The KeTop T15x features a modular design. Switching to newer processor technologies due to increasing application requirements is quick and easy. Depending on requirements, the KeTop T15x is available both with Linux as well as Windows IoT Enterprise. Optional features, such as energy storage and RFID, make many additional usage scenarios possible.

Display	
Type	TFT
Size	10,1" (16:10)
Resolution	WXGA 800 x 1280 pixels (portrait version) / 1280 x 800 pixels (landscape version)
Touchscreen	Projective capacitive
Backlight	LED

Operating elements	
Membrane keyboard	ax. 30 buttons, 6 LEDs
Selection switch*	2 or 4 levels
Rotary encoding switch*	16 levels
Key switch*	2 or 3 positions
Push button*	No-detent / detent
Handwheel	50 increments

* internally or externally wired // two elements marked with * can be selected

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Safety elements	
Enabling switch	1x (optional safety electronics), 3 levels, 2 channels, B10d=1,000,000
Emergency-stop button	2 channels, B10d=250,000, unlighted and illuminated (for usage with hot plug box CB310)
Safety category	Without safety electronics: PLe acc. to EN 13849-1 or SIL3 acc. to EN 61508 can be achieved; With safety electronics: PLe acc. to EN 13849-1 or SIL3 acc. to EN 61508

Computer core	
CPU	Intel Celeron N2807
Cores	1,58 GHz
GPU	Intel HD Graphics
Onboard memory	8GB eMMC Flash, 4GB RAM
Expansion memory	64 / 256 GB MLC SSD mSata
Removable storage	Micro SD card

Interfaces	
Communication	1x Ethernet 10/100 Mbit/s
Transfer	USB 2.0, RFID optional
RFID transponder	Read and write unit with range of at least 1 cm, Type I-Code SLI ISO15693

Dimensions, weight	
Dimensions LxWxH	215 x 284 x 69 mm
Weight	Approx. 1120 g

General	
Power supply	24 V DC
Max. switch-on current	5,6 A
Power consumption	bis 15 W
Energy storage	Optional maintenance-free energy storage with capacity of up to 5 minutes
Protection class	III acc. to EN 61131-2 or EN 50178
Protection rating	IP65
Certification	UL, ULr, CE, SIBE (if enabling-switch safety electronics installed)
Accessories	Wall mount Cables with screw connection 2.5 m / 5 m / 7 m / 10 m / 15 m / 20 m Cables with push-pull connection 3 m / 5 m / 10 m / 15 m / 20 m Automatic cable retraction system, KeTop Reel Connection boxes for control cabinet and field installation (IP65)
Directives	Machinery Directive 2006/42/EC EMC Directive 2014/30/EU RoHs Directive 2011/65/EU