

HMI

KeTop T200

The cost-effective replacement for stationary panels



The KeTop T200 mobile terminal features an ergonomic housing with a brilliant, HD-capable display. Fast processors allow sophisticated visualization and operating applications. With integrated safety elements, PC-level performance and Windows 10 IoT, it is a fully-fledged replacement for stationary panels. Unique features, such as performance that grows with the application and an additional optional keyboard on the back of the housing make the KeTop T200 a long-term and versatile handheld terminal.

Mobile PC performance with investment protection

The modular design of the KeTop T200 enables easy processor upgrade for later performance adjustments, which ensures an increase in computing power for future tasks with increased software requirements. For this purpose, neither an adaptation of the visualization and software solutions is needed, nor is it necessary to interfere with the machine concept.

The cost-effective replacement for stationary panels

For the efficient operation of larger machines, it is often necessary to have several stationary terminals at different loca-

tions. With the powerful KeTop T200, these stationary panels can be replaced by a single mobile one. An optional bracket allows mounting at any desired operating point of the machine, allowing it to be operated with KeTop T200 like with a fixed panel. For inputs at other points on the machine, the operator simply takes it with him directly to the place where the action takes place. Existing stationary KeView visualizations can be reused. With a combined use of stationary and mobile panels, the visualization can be adapted for universal use in a single step.



KeTop T200 – the tablet of the industry

Technical specifications

Housing		T200
Dimensions [mm]	Approx. 350 x 275 x 110	
Weight	Approx. 1850 g (without cable)	
Colour	RAL 7016 anthracite gray	
Material	ABS-PC	
Protection class	IP 65	

Display		T200
Size	10"	
Resolution	WXGA, 1280 x 800 pixels	
Touchscreen	Analogue resistive	

Operating controls		T200
Selector switch	2, 4 or 16 levels	
Push button	RAL 7016 anthracite gray	
Membrane keyboard	30 tactile keys on front / 12 tactile keys on back	

Safety elements		T200
3-stage enabling switch	3 stages, 2 channels, B10d = 1.000.000	
Emergency stop button	2 channels, B10d = 250.000	
Safety category PLe according to EN 13849-1 resp. SIL 3 according to EN 61508	With 1 enabling switch: attainable, optional safety electronics	

CPU		T200
CPU	Intel Celeron N2807 2*1.58GHz	
Memory	64 GB Flash, 4 GB RAM	
Communication interface	Ethernet 10/100 Mbit/s	
Data backup	USB 2.0	
Power supply	24 V DC	
Power consumption	Up to 15 W	
Power input	Max. approx. 400 mA at 24 V DC	

Ambient conditions		T200
Operating temperature	0 to 45 °C	
Storage temperature	-25 to 70 °C	
Relative humidity	5 % to 95 % (non-condensing)	
Vibration / shock resistance	EN 61131-2	

General		T200
Certification	UL, CE, SIBE (optional)	
Accessories	Wall bracket with or without cable holder	
Directives	Machinery Directive 2006/42/EC, EMC Directive 2014/30/EU, RoHs Directive 2011/65/EU	