

KeTop T70

Handheld terminal

Product features

- Maximum operating efficiency thanks to optional additional keyboard on rear of device
- High-resolution, brilliant display
- Scalable performance
- Ergonomic design



Short description

The KeTop T70 mobile terminal features a high-resolution display and can be equipped with a selection of high-performance ARM processors. It is ideally suited for demanding visualization and operating applications. The robust housing is lightweight and ergonomic and enables long and fatigue-free operation.

Unique features, such as the modular construction, which facilitates easy upgrades to newer processor technologies as application requirements grow, as well as an additional, optional keyboard on the rear of the device make the KeTop T70 a versatile handheld operating device built for the long term.

| Display | |
|-------------|--------------------------|
| Type | TFT |
| Size | 7" (9:16) |
| Resolution | WSVGA, 600 x 1024 pixels |
| Touchscreen | Analog resistive |
| Backlight | LED |

| Operating elements | |
|--------------------|---|
| Membrane keyboard | Front: max. 21 buttons, rear (optional): max. 12 buttons |
| Selector switch* | 2, 4 or 16 levels |
| Key switch* | 2 or 3 positions |
| Push button* | momentary / maintained |
| Characteristics | KEBA standard / KEBA robotics ** / KEBA IMM take-out handling** |

* internally or externally wired // an element marked with * can be selected

** perfect in combination with KeMotion

| Safety elements | |
|--|--|
| Enabling switch | 3 positions, 2 channels, B10d=1,000,000, optional safety electronics |
| Emergency-stop button / gray stop button | 2 channels, B10d=250,000 |
| Safety category | PLe acc. to EN 13849-1 or SIL3 acc. to EN 61508 can be achieved |

Software packages

| | |
|--------------------|--|
| KeTop T70 Embedded | Windows Embedded Compact® (on request) / Linux |
| KeTop T70 Trend | For details, see KeView visualization software |

CPU board

| | |
|----------------|-------------------------------|
| CPU | ARM Cortex A9 |
| Cores | Single-core / dual-core 1 GHz |
| Onboard memory | 4 GB flash, at least 1 GB RAM |

Interfaces

| | |
|---------------|---------------------------|
| Communication | 1x Ethernet 10/100 Mbit/s |
| Transfer | USB 2.0 |

Dimensions, weight

| | |
|------------------|-------------------|
| Dimensions LxWxH | 251 x 212 x 73 mm |
| Weight | Approx. 950 g |

Environmental conditions

| | |
|-----------------------|--|
| Operating temperature | 0 °C to 45 °C single-core / 40 °C dual-core |
| Storage temperature | -25 °C to 70 °C |
| Relative air humidity | 5% to 95% (non-condensing) |
| Vibration resistance | 5 Hz ≤ f ≤ 8,4 Hz with 3,5 mm, 8,4 Hz ≤ f ≤ 150 Hz with 1 g (EN 61131-2 and EN 60068-2-6) |
| Shock resistance | 15 g / 11 ms (EN 61131-2 and EN 60068-2-27) |

General

| | |
|------------------------|---|
| Power supply | 24 V DC |
| Max. switch-on current | 5,6 A |
| Power consumption | Up to 12 W |
| Protection class | III acc. to EN 61131-2 or EN 50178 |
| Protection rating | IP65 |
| Certification | UL, CE |
| Accessories | Magnetic holder, wall mount (various) Cable with screw connection 2,5 m / 5 m / 7 m / 10 m / 15 m / 20 m Cable with push-pull-connection 3 m / 5 m / 10 m / 15 m / 20 m Connection boxes for field and control cabinet installation (IP65) |
| Directives | Machinery Directive 2006/42/EC EMC Directive 2014/30/EU RoHs Directive 2011/65/EU |