



# KR1100

## 10.1" Space Management Terminal



### Features

- Quad-Core ARM Cortex-A7 CPU 1.3G Hz, Android-based
- 10.1" multi-touch LCD display
- 5MP front-facing camera, MIC and speaker for interactive communication
- RGB multi-colored LED light bars on the front and both sides
- IEEE 802.3at PoE PD connectivity
- iBeacon for indoor proximity sensing
- Scheduling and digital bulletin board HMI
- Broadcasting and information System

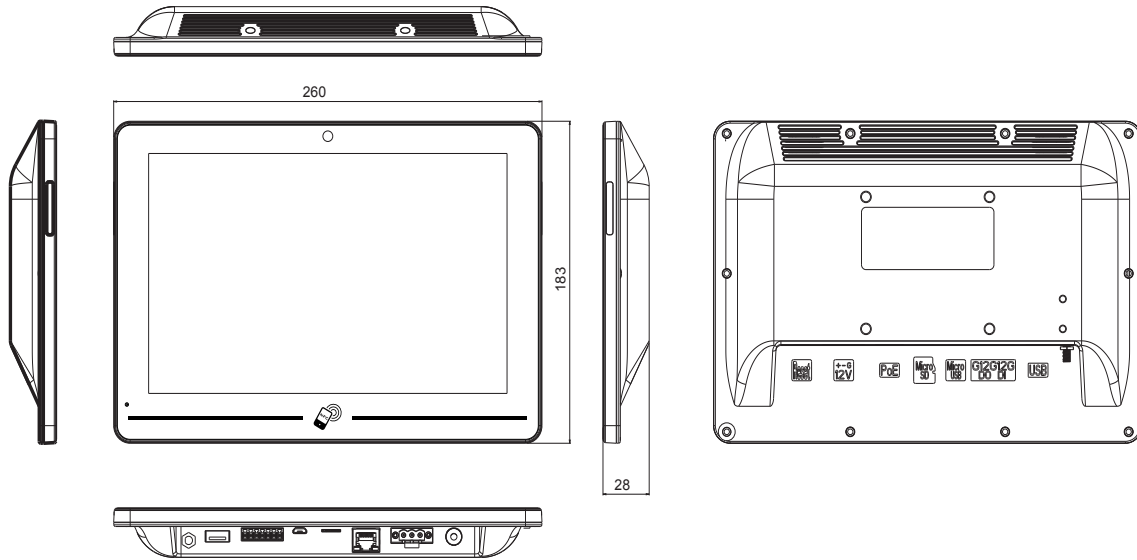
Rugged Mobile Computing

<b>System</b>	
CPU	ARM Quad-Core Cortex-A7 1.3GHz (SoC)
Memory	2GB DDR3L memory soldered on board
Storage	16GB eMMC
<b>Peripherals and Devices</b>	
Camera	5MP front-facing CMOS camera
Wireless	1 x WLAN 802.11 b/g/n & Bluetooth 4.0 + BLE Built-in iBeacon transmitter
RFID & NFC	1 x 13.56MHz RFID (3cm distance) & NFC reader with ISO 14443A/14443B/15693 support (optional)
<b>I/O Interface</b>	
SD Card	1 x microSDHC/microSD card socket (internal) (Max. 32GB)
Audio	2 x 1W speaker 1 x MIC (noise cancellation)
LAN	1 x RJ-45 GbE with 802.3at PoE PD support
USB Port	1 x USB 2.0 Type-A Port, 1 x USB OTG
Digital I/O	2 x DI, 2 x DO, one DO provides 12V 1A to facilitate electric lock
Remote Control	433MHz remote control w/ learning mode
<b>Button &amp; Indicator</b>	
Button	1 x Power button, 1 x Reset button
LED	3 x LED RGB Light Bar (Front, left & right side)
<b>Touch Screen</b>	
Type	10-point projected capacitive multi-touch
<b>LCD Display</b>	
Size/Type	10.1" TFT, LVDS type
Max. Resolution	1280 x 800 (WXGA)
Luminance	350 cd/m <sup>2</sup> (typ.)
Contrast Ratio	800:1 (typ.)
Backlight Type	LED
View Angle (U/D/R/L)	85°/85°/85°/85° (typ.)

<b>Power Requirement</b>	
Power Input	PoE input or DC 12V/1A
Adapter Input	100 ~ 240 VAC (full range)
Adapter Output	DC 12V, 1A
Power Consumption	25W (full loading)
<b>Mechanical &amp; Environmental</b>	
Operating Temp.	-10 ~ 50°C (14 ~ 122°F)
Storage Temp.	-10 ~ 60°C (14 ~ 140°F)
Operating Humidity	10 ~ 90 % @ 50°C (non-condensing)
Dimensions (W x H x D)	260 x 183 x 28 mm (10.24" x 7.20" x 1.10")
Net Weight	900g (1.98lb)
Vibration	1 Grms/ 5 ~ 500Hz/ random operation
Shock	10G/ peak (11ms)
Security & Mounting	Kingston Lock / VESA-75 compatible
IP Rating	Front bezel design compliant with IP54
Regulatory	CE/FCC/CCC/SRRC/BSMI/NCC
<b>OS Support</b>	
Android™ 5.1	
<b>Ordering Information</b>	
KR1100	10.1" terminal with projected capacitive touchscreen



### Dimensions



Unit:mm

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660