

ICECARE-05

Pocket Mobile Field Assistant



Features

- 5" 350 cd/m² TFT LCD with projected capacitive touchscreen
- Texas Instruments Sitara™ ARM® Cortex™-A8 CPU
- Powered by Android 4.1.2 OS
- Bluetooth and Wi-Fi
- 5-megapixel CMOS camera
- Optional HF / UHF RFID reader



Specifications



Model	ICECARE-05	
Display	LCD Size	5" TFT LCD
	Brightness (cd/m ²)	350
	Max. Resolution	800 (H) x 480 (V)
	Viewing Angle	70/70/50/70 Deg.
	Touch Screen	Projected capacitive type
System	CPU	TI Sitara™ AM3715 1GHz
	Operating System	Android 4.1.2
	Memory	4GB eMMC Flash + 512MB SDRAM
Communication	Wireless LAN	802.11a/b/g/n
	Bluetooth	Bluetooth 4.0
Data Collection	RFID	13.56MHz RFID reader (optional) UHF RFID reader (optional)
	Camera	5-megapixel camera
Indicators & Keys	LED Indicators	Power on LED (Blue)/ Sleep (Red) Charging LED (Orange)/ Full (Green)
	Keys	Power on / off switch 4 x Function key (Home/Menu/Back/Search)
I/O Interface	Audio	1 x Headset 1 x 0.5W speaker
	Expansions	1 x Micro USB Client
		1 x microSD (up to 32G)
Power	Power Adapter	5V/2.1A/10.2W
	Battery	3.7V 3600mAh
Environment	Operating Temperature	-10°C ~ 50°C
	Storage Temperature	-20°C ~ 60°C
	Humidity	5%~95%, non-condensing
	IP Protection	IP 64
	Drop Survival	1.2m
Physical Characteristics	Dimensions (LxWxH)(mm)	139 x 99.3 x 22.8
	Weight	297g

1

IEIMobile Solutions

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Automation Panel Solutions

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PACSmate Medical Solutions

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Optional Peripherals



Model Variations

Part No.	Touch	Wireless	Bluetooth	3.75G	GPS	HF RFID	UHF RFID
ICECARE-05-HF-R10	Capacitive touch	802.11a/b/g/n	Ver. 4.0	N/A	N/A	Yes	N/A
ICECARE-05-ET-R10	Capacitive touch	802.11a/b/g/n	Ver. 4.0	N/A	N/A	N/A	N/A
ICECARE-05-UHF-R10	Capacitive touch	802.11a/b/g/n	Ver. 4.0	N/A	N/A	N/A	Yes

Packing List

Item	Part No.	Q'ty
Adapter	63040-330010-000-RS	1
Cable	32001-014300-100-RS	1
Earphone	30900-000003-RS	1

Ordering Information

Part No.	Description
ICECARE-05-HF-R10	5" TFT-LCD tablet with TI Sitara™ AM3715 CPU, Wi-Fi/Bluetooth, HF RFID, 5-megapixel camera, Android 4.1.2 OS, RoHS
ICECARE-05-ET-R10	5" TFT-LCD tablet with TI Sitara™ AM3715 CPU, Wi-Fi/Bluetooth, 5-megapixel camera, Android 4.1.2 OS, RoHS
ICECARE-05-UHF-R10	5" TFT-LCD tablet with TI Sitara™ AM3715 CPU, Wi-Fi/Bluetooth, UHF RFID, 5-megapixel camera, Android 4.1.2 OS, RoHS

Optional Advanced RFID Technology

The RFID (Radio-Frequency Identification) technology utilizes frequencies ranging from 125KHz to 2.45GHz. The ICECARE-05 features an optional HF or UHF RFID reader.

HF RFID Reader

The 13.56MHz RFID reader is suitable for item identification in warehouse.

UHF RFID Reader

The optional UHF RFID reader, which operates within 840MHz to 960MHz, is excellent for multiple item identification and tracking applications.



- HF RFID: short reading distance, single item identification
- UHF RFID: long reading distance, multiple item identification