

ICECARE-10W **New**

Mobile Sales Assistant

- 10.1" TFT LCD with capacitive touch
- Intel® Atom™ N2600 1.6GHz processor
- Powered by Windows® Embedded Standard 7 P
- Built-in Bluetooth and Wi-Fi
- Built-in smart card reader and magnetic stripe card reader
- Optional 2D barcode reader, 13.56MHz RFID reader



Applications

The ICECARE-10W is designed to suit the hospitality industry, specifically for restaurant, hotel, and retail applications. Powered by the Intel® Atom™ N2600 processor and Windows® Embedded Standard 7 operating system, the ICECARE-10W is integrated with all the functions that a traditional fixed POS system has – a barcode reader, an RFID reader, a smart card reader, and a magnetic stripe card reader. It offers an all-in-one mobile solution for services that are looking for a stylish yet durable device.



Retail Store Management



Hotel Registration System



Restaurant Table Order Management



Drive-through (Fast Food)

Hybrid Card Reader

The ICECARE-10W comes integrated with a smart card reader and a magnetic stripe card reader for payment and identification purposes.



• Magnetic Stripe Reader (MSR) (optional)

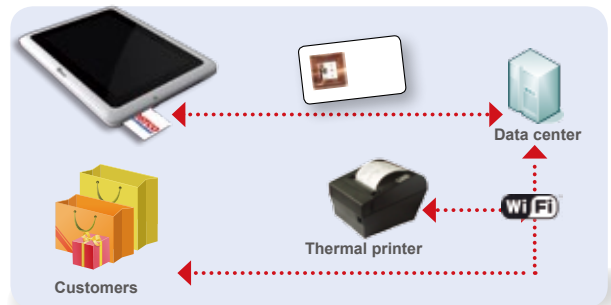
EIA/TIA-232 Compliant
Card Speed 3 to 60 in/s (7.6 to 152.4 cm/s) -Reads single, dual or triple track
ISO 7811 Conformance (AGC (Automatic Gain Control) – Reads cards from 30% - 200% of ISO 7811 amplitude standard
9600 bps, 8 Data Bits, No Parity, 1 Stop Bit
Support HW encryption

• Smart Card Reader (SCR) (optional)

EMV V4.1 Level 1 Compliant
Supports ISO 7816 T=0, T=1 Smart Card. (Supports commonly used memory card.)
Card Interface ISO 7816 part 1, 2 and 3 Compliant
Card Interface Communication Speed up to 115200 bps

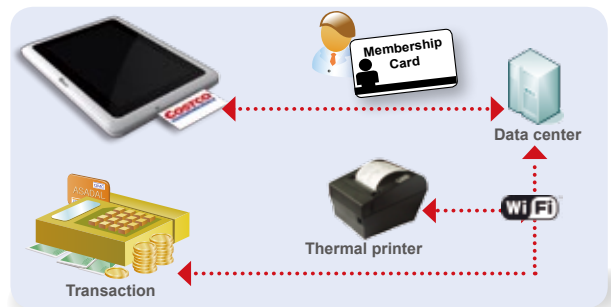
Smart Card Reader Application:

Smart cards utilize embedded computer chip technology to store and transact data between users. Stored data can range from anything associated with either value or information or both. Smart card systems offer great convenience and security to any transaction. Today, these systems are seen throughout in key applications including loyalty programs, personal identification verification, and payment.



Magnetic Stripe Card Reader Application:

The information contained on the magnetic stripe is obtained by physical contact and swiping past a magnetic reading head in the magnetic stripe card reader. Magnetic stripe card systems are used in many important applications such as payment, loyalty programs, and personal identification verification.



Stylish All-in-One Mobile Point-of-Service Design

The ICECARE-10W is a one-of-its-kind tablet PC. It offers a range of functions that a traditional fixed POS system has, such as the barcode reader, magnetic stripe card reader, and smart card reader. In addition, it is also stylishly designed to suit application contexts that place great importance on aesthetics. For example, such as those businesses in the fashion and hospitality industries.





Specifications

Model		ICECARE-10W	
Display	LCD Size	10.1" TFT LCD	
	Brightness (cd/m ²)	250	
	Max. Resolution (HxV)	1280 x 800	
	Viewing Angle	75/75/75/70	
	Touch Screen	Capacitive type	
System	CPU	Intel® Atom™ N2600 1.6GHz	
	OS	Windows Embedded Standard 7 P	
	Memory	On-board 2GB DDR3	
	Storage	Built-in 32GB mSATA	
Communication	Wireless LAN	802.11b/g/n	
	Bluetooth	Bluetooth v3.0	
Data Collection	Barcode	1D/2D imager scan engine (optional)	
	RFID	13.56MHz RFID supports ISO 14443A/B (Mifare, Felica)	
Indicators & Buttons	Keys	1 x Power button 1 x IEI menu	
	LED Indicators	Battery Charging/Peripheral Device/ Storage/Wireless	
I/O Interface	Audio	1 x 1.5W Speaker	
	USB	2 x USB2.0	
	Audio	1 x Audio/Mic-in	
	Micro HDMI	1 x Micro HDMI	
	Expansions	Smart Card Reader (option) Magnetic Stripe Reader (option)	
Power	Power Adapter	Input AC: 100~240V Output DC: 19V / 2.1A	
	Battery	7.4V 7400mAh	
Environment	Operating Temperature	0°C~40°C	
	Storage Temperature	-20°C~60°C	
	Humidity	5%~95%, non-condensing	
	Environmental Protection	IP 54 compliant front panel	
Physical	Certification	CE / FCC	
	Dimensions (LxWxH) (mm)	290 x 206.5 x 22.5	
	Weight	1.1 kg	

Packing List

Item	Part No.	Q'ty
Power Adapter	63040-290040-000-RS	1

Ordering Information

Part No.	Description
ICECARE-10W-R10	Intel® Atom™ N2600 1.6GHz CPU, Capacitive touch, Non-IPS panel, 2GB RAM, 32G SSD, 802.11 b/g/n&BT, 1D/2D Barcode, MSR, SCR, RFID, WS7P, RoHs
ICECARE-10W-ET-R10	Intel® Atom™ N2600 1.6GHz CPU, Capacitive touch, Non-IPS panel, 2GB RAM, 32G SSD, 802.11 b/g/n&BT, RFID, WS7P, RoHs
ICECARE-10W-CE-R10	Intel® Celeron 827E 1.4GHz CPU, Capacitive touch, Non-IPS panel, 4GB RAM, 32G SSD, 802.11 b/g/n&BT, 1D/2D Barcode, MSR, SCR, RFID, WS7P, RoHs
ICECARE-10W-CE-ET-R10	Intel® Celeron 827E 1.4GHz CPU, Capacitive touch, Non-IPS panel, 4GB RAM, 32G SSD, 802.11 b/g/n&BT, RFID, WS7P, RoHs
ICECARE-10W-I7-R10	Intel® Core I7-3517U 1.9GHz CPU, Capacitive touch, IPS panel, 4GB RAM, 32G SSD, 802.11 b/g/n&BT, 1D/2D Barcode, MSR, SCR, RFID, WS7P, RoHs
ICECARE-10W-I7-ET-R10	Intel® Core I7-3517U 1.9GHz CPU, Capacitive touch, IPS panel, 4GB RAM, 32G SSD, 802.11 b/g/n&BT, RFID, WS7P, RoHs

Model Variations

Part No.	Touch	IPS	RAM	Wireless	Bluetooth	MSR	SCR	Barcode	RFID
ICECARE-10W-R10	Capacitive touch	NO	2GB	802.11 b/g/n	Ver. 3.0	Yes	Yes	Yes	Yes
ICECARE-10W-ET-R10	Capacitive touch	NO	2GB	802.11 b/g/n	Ver. 3.0	N/A	N/A	N/A	Yes
ICECARE-10W-CE-R10	Capacitive touch	NO	4GB	802.11 b/g/n	Ver. 3.0	Yes	Yes	Yes	Yes
ICECARE-10W-CE-ET-R10	Capacitive touch	NO	4GB	802.11 b/g/n	Ver. 3.0	N/A	N/A	N/A	Yes
ICECARE-10W-I7-R10	Capacitive touch	YES	4GB	802.11 b/g/n	Ver. 3.0	Yes	Yes	Yes	Yes
ICECARE-10W-I7-ET-R10	Capacitive touch	YES	4GB	802.15 b/g/n	Ver. 3.0	N/A	N/A	N/A	Yes