

Specifications

Model	iKarPC	
Display	LCD Size	8" TFT-LCD (Sunlight readable)
	Brightness (cd/m ²)	600 cd/m ² High Brightness
	Max Resolution	800 x 480 pixels WVGA
	Viewing Angle	60/60/50/50 Deg.
	Touch Screen	5-wire resistive type touch
System	CPU	Intel® Atom™ Z510 1.1 GHz
	Chipset	Intel® US15WP
	Operating System	Microsoft® Windows® XP Embedded
	Memory	1 GB DDR2 533 MHz On-board
	Storage	4 GB CompactFlash® SD Card Slot
Communication	Wireless LAN	Wi-Fi 802.11 b/g/n
	Bluetooth	Bluetooth V2.0+ EDR (Class 1)
	Modem	WCDMA/HSUPA
	GPS	GPS
Multimedia	Audio	1 x Line-in 1 x Line-out 1 x 3 W Speaker
	Camera	0.3 megapixels CMOS Camera
LED Indicators & Buttons	Indicators	Wi-Fi/Bluetooth/HDD/3.75G/DVB-T/Power Status LED
	Hot Key & Buttons	F1~F6 Function Key, Direction Key, Power Button
I/O Interface	USB	2 x USB 2.0
	Serial	1 x DB-9 OBD-II 1 x DB-9 RS-232/422/485 (Software selectable w/ 5V DC)
	LAN	1 x 10/100/1000 Mbps GbE RJ-45
Power	Cigarette Lighter Power	Cigarette Lighter Power Cable DC 9~30V
	ACC Power	Manual power mode and ignition detection supported ACC power on/off mode with software configurable delay time
Environment	Operating Temperature	-20°C ~ +60°C
	Storage Temperature	-30°C ~ +70°C
	Humidity	5%~95% non-condensing
	Drop Survival	1 M
	Environmental Protection	IP54 compliant front panel (Water, dust and splash resistant)
	Certification	CE/FCC/e-Mark/ISO7637
Physical Characteristics	Dimensions (LxWxH) (mm)	261 x 162 x 44
	Net Weight	1.7kg

Ordering Information

Part Number	Description
IKARPC-W08A-510-HU-R12	8.0" TFT-LCD 600 cd/m ² WVGA In Vehicle PC with Intel® Atom™ Z510 1.1GHz CPU, 1GB SDRAM, 802.11 b/g/n Wireless, Bluetooth, HSUPA, OBD-II, Touch screen, 0.3 Megapixel Camera, XPE OS, 4GB CF, RoHS
IKARPC-W08A-510-HW-R12	8.0" TFT-LCD 600 cd/m ² WVGA In Vehicle PC with Intel® Atom™ Z510 1.1GHz CPU, 1GB SDRAM, 802.11 b/g/n Wireless, Bluetooth, HUAWEI HSUPA, OBD-II, Touch screen, 0.3 Megapixel Camera, XPE OS, 4GB CF, RoHS

Packing List

Item	Part Number	Q'ty
Remote Controller	7Z000-8T00322ICP06G-RS	1
GPS/3.75G Integrate Antenna	32506-000100-100-RS	1
ACC Power Cable	32002-001900-100-RS	1
Cigarette Lighter Power Cable	32002-004000-100-RS	1
OBD-II Cable	32025-000300-100-RS	1
J1939 Cable	32025-000400-100-RS	1
User's Manual CD-ROM	IEI-7B000-000544-RS	1
IEI One Key Recovery CD	IEI-7B000-000478-RS	1



Remote Control



OBD-II Cable



ACC Power Cable



GPS / 3.75G Integrate Antenna



Cigarette Lighter Power Cable



J1939 Cable

Optional Accessory List

Item	Part Number	Description
Power Adapter	IVIPOWER-4PIN-R10	Power Adapter, PFC; Vin:90~264VAC; 60W; Vout: 12VDC; Din 4Pin/lock; CCL; RoHS
Bracket	iKarPC-W08A-MK01-R10	iKarPC 100 x 100 VESA mount kit
Bracket	iKarPC-W08A-MK02-R10	iKarPC ram-mount 100 x 100 VESA mount kit



Ram Mount



Power Adapter



Bracket

Support Function

Part Number	Wireless	Bluetooth	GPS	3.75G	OS
iKarPC-W08A-510-HU-R12	802.11 b/g/n	V2.0+EDR, Class 1	U-blox	Qualcomm	XPE
iKarPC-W08A-510-HW-R12	802.11 b/g/n	V2.0+EDR, Class 1	U-blox	HUAWEI	XPE

1

Mobile Solutions

2

Information Panel Solutions

3

RIS-C- based clients

4

Central Media Clients

5

Optional peripherals