

## Specifications

| Model                    | iKarPC                          |                                                                                                                |
|--------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| Display                  | LCD Size                        | 8" TFT-LCD (Sunlight readable)                                                                                 |
|                          | Brightness (cd/m <sup>2</sup> ) | 600 cd/m <sup>2</sup> 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<br>1 x Line-out<br>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<br>1 x DB-9 RS-232/422/485 (Software selectable w/ 5V DC)                                      |
|                          | LAN                             | 1 x 10/100/1000 Mbps GbE RJ-45                                                                                 |
|                          | Cigarette Lighter Power         | Cigarette Lighter Power Cable DC 9~30V                                                                         |
| Power                    | 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                      | 1730 g                                                                                                         |

## Ordering Information

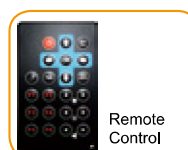
| Part Number               | Description                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IKARPC-W08A-510-HU-MG-R11 | 8.0" TFT-LCD 600 cd/m <sup>2</sup> WVGA In Vehicle PC with Intel® Atom™ Z510 1.1GHz CPU, 1GB SDRAM, 802.11 b/g Wireless, Bluetooth, HSUPA, OBD-II, Touch screen, 0.3 Megapixel Camera, MeeGo OS, 4 GB CF, RoHS        |
| IKARPC-W08A-510-HU-R11    | 8.0" TFT-LCD 600 cd/m <sup>2</sup> WVGA In Vehicle PC with Intel® Atom™ Z510 1.1GHz CPU, 1GB SDRAM, 802.11 b/g Wireless, Bluetooth, HSUPA, OBD-II, Touch screen, 0.3 Megapixel Camera, XPE OS and 4GB CF, RoHS        |
| IKARPC-W08A-510-HW-R11    | 8.0" TFT-LCD 600 cd/m <sup>2</sup> WVGA In Vehicle PC with Intel® Atom™ Z510 1.1GHz CPU, 1GB SDRAM, 802.11 b/g Wireless, Bluetooth, HUAWEI HSUPA, OBD-II, Touch screen, 0.3 Megapixel Camera, XPE OS and 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               | 32002-000901-100-RS    | 1    |
| Cigarette Lighter Power Cable | 32002-001700-100-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    |

## Optional Accessory List

| Item          | Part Number             | Description                                                                   |
|---------------|-------------------------|-------------------------------------------------------------------------------|
| Power Adapter | 63000-FSP060DBAB1554-RS | 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                                     |



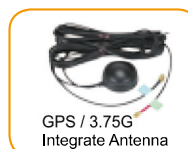
Remote Control



OBD-II Cable



ACC Power Cable



GPS / 3.75G Integrate Antenna



Cigarette Lighter Power Cable



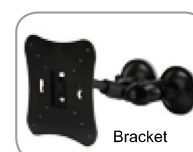
J1939 Cable



Ram Mount



Power Adapter



Bracket

## Support Function

| Part Number               | Wireless     | Bluetooth         | GPS    | 3.75G    | OS    |
|---------------------------|--------------|-------------------|--------|----------|-------|
| IKARPC-W08A-510-HU-MG-R11 | 802.11 b/g/n | V2.0+EDR, Class 1 | U-blox | Qualcomm | MeeGo |
| IKARPC-W08A-510-HU-R11    | 802.11 b/g/n | V2.0+EDR, Class 1 | U-blox | Qualcomm | XPE   |
| IKARPC-W08A-510-HW-R11    | 802.11 b/g/n | V2.0+EDR, Class 1 | U-blox | HUAWEI   | XPE   |