# ARH CAR PC

## POWERFUL AUTOMOTIVE PC DESIGNED FOR MOBILE ENFORCEMENT APPLICATIONS

## Powerful solution for mobile number plate recognition applications

The ARH Car PC is a powerful industrial grade PC-based system which is specially designed for mobile installation. The anti-vibration protection and the anti-shock protection makes its usage reliable in vehicles.

The ARH Car PC is not just a simple mobile PC: it has unique features like

- ☑ Intelligent (programmable) UPS with full control
- ☑ GPS receiver & GPS antenna

It is configurable for many applications thanks to its input/output connectors: 2x LAN, 3xUSB, PS/2, DVI out, composite + S-video TV out.

More useful advantages of ARH Car PC

- ☑ Maintenance free operation
- ☑ No moving parts
- ☑ Configurable

It has unique features which makes ARH Car PC a perfect solution for embedded/mobile applications.

### TFT screen

- ☑ 16:9 wide TFT screen
- ☑ Full function OSD control (English)
- ☑ Built/in stereo speakers
- ☑ Earphone output
- ☑ Autodimmer

### Computer

- ☑ Intel Core Duo 1.2 Ghz processor
- ☑ Windows XP Professional
- ☑ 1Gb RAM
- ☑ 40GB HDD
- ☑ GPS receiver and antenna

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## POWERFUL AUTOMOTIVE PC DESIGNED FOR MOBILE ENFORCEMENT APPLICATIONS

## ARH CAR PC "S" type configuration

**Processor**
• Intel Core Duo 1.2 GHz

**RAM**
• 1 GB DDR2

**Graphics**
• Integrated Intel graphics controller

**HDD**
• Automotive 40GB  (Flashdrive: optional)

**Network**
• Gigabit LAN controller

**Input/Output**
• 2 x RJ45 LAN
• 2 x serial
• 3 x USB2.0
• DVI + VGA out
• PS2 for keyboard
• Mic + line in, line out
• Composite + S-video TV out

**Power**
• Input voltage: 9-30 VDC (5.4A @ 9DC)
• Power consumption: max. 50W (typical 15-20W)

**Operating temperature**
• -10 °C ~ +45 °C

**Operating humidity**
• Max. 95% (non-condensing)

**Mounting**
• DIN rail

**Vibration and shock resistance**
• IEC 60068-2-64, IEC 60068-2-27

**Compliances**
• CE, FCC, RoHS, CCC, UL

**Power Module with UPS**
• Smart Battery, Li-Polymer, 3000mAH

**GPS receiver and antenna included**

**Windows XP Professional included**

## ARH CAR PC "M" type configuration

ARH CAR PC "S" type configuration improved with
+Video Input 6 composite channels
+Full PAL/NTSC capture at 50/60 fps (shared among all channels)

## ARH CAR PC "Z" type configuration

ARH CAR PC "S" type configuration improved with
+WLAN 802.11 b/g

## TFT specifications

**Screen size**
• 7" digital touch screen

**Aspect Ratio**
• 16:9 wide TFT

**Resolution**
• Dot resolution: 2400x480 (1,152,000 dots)
• Physical resolution: 800x480

**Supported resolutions**
• 640x480 - 1024x768

**Color configuration**
• RGB stripe

**Power input**
• DC 11-24V

**Power consumption**
• Max. 8W

**Video system**
• 3x Video inputs (PAL/NTSC)
• 1x VGA input

**Display**
• Case: 184x129x32 mm
• Screen: 154 x 93 mm

**Video input signal**
• 1.0Vp-p, composite video

• Full function OSD control (English)
• Built-in stereo-speakers
• Earphone output (on the rear side)
• Automatic switching to rear camera (by a 12V cable)
• Autodimmer