PCCam is a smart camera integrating an VGA CMOS sensor and a complete industrial PC in a compact housing. Images captured can be processed locally and/or transmitted over one of the standard interfaces available. The popular PC environment allows simple development and deployment of applications.

**FEATURES**
- Rugged and compact smart camera with integrated PC
- Fully integrated standard x86 PC architecture
- Operating systems: Linux
- PC-like connectivity (mouse, keyboard and display support)
- PC standard software development
- Colour CMOS high dynamic range optical sensor
- Real time and high speed acquisition, directly into RAM memory
- VGA / CVBS video output
- Support for wireless modules

**APPLICATIONS**
- ALPR, Automatic License Plate Recognition
- Security and Surveillance
- Quality and Process Control
- Medical and Biometrical Inspection
- Number Plate Reader (License Plate, other Identification Plates)

www.neuricam.com
**CPU**
Fully integrated x86 system chip with Intel MMX support and accelerated 2D graphics.
- NS Geode SC2200 CPU
- 32-bit X86 Compatibility
- 266MHz Clock
- ACPI Power
- On Chip Video Processor, Super I/O

**Image Sensor**
High dynamic range colour CMOS sensor
- 640x480 Pixels Array
- 1/3” Array Size
- 12-bit A/D Converter
- 30 frame/sec Full Res. Frame Rate
- 2.7 V/lux.s Sensitivity
- 62-110 dB Dynamic Range

**Dimensions**
53 (W) x 64 (H) x 150 (L) mm

**Interfaces**
- Ethernet
- USB
- RS-232
- VGA Video
- Audio in/out
- Mouse Keyboard
- TTL opto-coupled (24V) Digital I/O

**Memories**
Configurable RAM and FLASH memories size.

**Additional/Optional Interfaces**
- Mini PCI Connector for additional peripherals, Wireless Connection, Compact Flash, Custom I/O expansion.

**Power Supply**
Camera operates on a 12 V supply voltage.
No moving parts.