

# st200

## Ruggedized Portable ANPR System

Serious about ANPR. Serious about service.™



### A fully self-contained ANPR system with 'Dual' camera capability and integrated wireless communications for rapid deployments

**Rapidly deployable and highly powerful.** The new generation ST200 is a rugged, compact and portable ANPR system with wireless HSDPA (3G) and WiFi connectivity which can be deployed and operational within minutes. It features a powerful 2Ghz Intel Core 2 Duo Processor with a Windows Operating System, high speed frame grabbers and the NDI-RS TALON ANPR Recognition Engine. The system is capable of processing 2 lanes of high speed and high density traffic simultaneously, handling 4 video inputs from 2 'Dual' ANPR cameras providing contextual overview imagery and IR number plate patches. Local hotlists can be securely stored and managed by direct connection to any web based services such as BOF. ST200 can store 2 million time stamped images and pre and post capture videos.

### Key Features:

- » Fully self-contained ANPR system
- » Compact and lightweight
- » Powerful 2Ghz Intel Core2 Duo processor
- » In-built GPRS/ 3G (HSUPA) modem
- » Internal GPS antenna
- » Encrypted WiFi enabled
- » Processes 2 lanes of high speed and high density traffic simultaneously
- » Handles 2 'Dual' ANPR cameras (colour image and Infra Red)
- » Removable 10.4" touch screen colour monitor
- » In-built user friendly Query keyboard

**Intuitive hardware design** with extended capabilities. ST200 features a removable 10.4" TFT LCD touch screen monitor designed to be detached from the main unit with a 3 metre cable for remote, extended usage away from the main case. The monitor also features an in-built speaker for audio alarms generated by the ANPR hotlist matching. The ST200 portable ANPR system has been designed for ease of use with a new QWERTY 89 key keypad and a high resolution 2 button glide point touchpad. It is designed to be fully portable and easy to use. The whole system is stored in a rugged military grade robust, high impact case.



**From a single covert system to a mobile 'Ring of Steel' capability.** Due to its compact size and engineered design, the ST200 is very transportable and can be used for covert and overt applications in mobile or static site modes. Multiple units but can be networked together to give a 'ring of steel' capability. ST200 is a universal system which may be powered from the high capacity battery unit provided or connected to a DC in-vehicle adaptor or an AC mains power outlet.

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## Specifications

<b>Processor:</b>	Intel Core 2 Duo 2GHz (socket 479)
<b>RAM:</b>	2GB DDRII (240-pin DIMM)
<b>Hard Disk:</b>	250GB SATA
<b>LAN:</b>	10/100/1000Base-T (500MB/s) Marvell 88E8053 PCI-E Gigabit LAN; featuring AI NET2
<b>USB:</b>	Up to 480Mbps
<b>Video:</b>	Four channel PCIe based input at 100 frames per second 768x576 pixel resolution
<b>I/O Chipset:</b>	Winbond W83627HF-AW
<b>WiFi:</b>	WEP 64/128, WPA, WPA2 security, IEEE802.11a, 802.11b, 802.11g standard MiniPCI interface 1.0, 2.412GHz – 2.4835GHz/ 5.15GHz – 5.724GHz/5.725GHz – 5.825GHz 32 channels (EU operation) 802.11b (11Mbps, 5.5Mbps, 2Mbps, 1Mbps) 802.11g/a (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6Mbps) EMC Certification: EN300328 , EN300826 (EN301489-17), FCC Part 15.247 Internal antenna
<b>3G/GPRS/GSM</b>	Sierra Wireless Compass 889 Network technology: HSUPA, HSDPA, UMTS, EDGE, GPRS, GSM. Frequency bands: WCDMA 900/2100 MHz (Compass 889), EDGE/GPRS/GSM , 850/900/1800/1900 MHz Maximum uplink speed 5.76Mbps/ Maximum downlink speed 7.2Mbps Internal antenna
<b>Serial ports:</b>	2 x RS-232C for camera control.
<b>Monitor:</b>	10.4" TFT LCD with touch screen, 1024x768 resolution Size 237mm x 179mm x 40mm Cable length: 3m using the extension cable FCC/CE Approval
<b>Connections:</b>	DC Input, 2 x Dual Camera connections, USB, LAN
<b>Operating Voltage:</b>	10 -16V dc (100 to 240Vac, 50-60Hz when using the AC Power Supply)
<b>Supply protection:</b>	9A self resetting fuse
<b>Power Consumption:</b>	65W
<b>Dimensions:</b>	474mm x 415mm x 149mm
<b>Storage Temperature/Humidity:</b>	-20C to 70C 20 – 95% non condensing
<b>Operating Temperature:</b>	0 to 50C
<b>Accreditations and Approvals:</b>	CE (WiFi interface EN300328, EN300826 (EN301489-17), FCC Part 15.247) (3G modem CE 0682 Directive 1999/5/EC, FCC Part 15)

*Due to a policy of continued product development, NDI Recognition Systems Ltd reserves the right to alter or amend any published specifications without notice.*

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