NQuire200

Customer Information Terminal

1D	2D	CCD	CMOS	LINUX
Ethernet	WIFI	USB	RS232	I/O Ctrl

The NQuire200 customer information terminal is designed to read/scan, inform and interact with your customer. It is excellent for communicating prices, product information and loyalty points. This small and attractive information terminal reads multiple data carriers; from 1D EAN/UPC barcodes to complex 2D barcodes from mobile phone displays.

Features

◆ **Data collection.**

Through a 1D CCD or 1D/2D image engine.

◆ **Excellent value for money.**

Designer and ergonomic Information Terminal which can be used as, e.g. a Price Verfier / Checker or Access Control terminal.

◆ **Data transmission.**

Transmit data through Ethernet, WiFi or GPRS.

◆ **Great environment adaption.**

Because of its small size and the VESA 75 mountability, it can be installed virtually anywhere in a store or office.

◆ **External device connections.**

The external USB and GPIO ports enable the possibilities to attach a Newland hand held scanner for scanning bulky objects or to connect a Relay for controlling an entry/exit gate or door lock.

◆ **Power supply.**

Charged through power adapter or Power-over-Ethernet.

◆ **Advanced technology.**

Includes core-technology UIMG, which is independently designed and manufactured by Newland Auto-ID. UIMG technology includes the optical, CMOS, digitizer, decoder, image processing & embedded systems.

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Physical	Model		NQuire200
Specifications	Dimensions		140 mm(H) * 140 (W)mm * 60 (D) mm
	Weight		440g
Product	OS		Linux Kernel 2.6.25
Performance	CPU		32-bit ARM9 CPU
	Display		Blue-White 240*128 pixels graphical LCD (90mm x 55mm)
	Memory	ROM	SDRAM: 32 MB, support Mini SD up to 2GB
		RAM	Flash: 8 MB
Barcode	1D		Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E, GS1 Databar, Codabar, Interleaved 2 of 5, Code93, etc.
Scanning	2D		PDF417, QR Code, Data Matrix, Aztec, Vericode, etc.
Precision			≥4 mil
Interface			10/100 Mbps Ethernet + WiFi OR PoE OR GPRS
Optional	WiFi		IEEE 802.11b/g, 2.4GHz, DSSS,14dBm, WEP 64/128, WPA/WPA2
	GPRS		GSM 850 / 900 / 1800 / 1900 MHz, 85.4Kbps(Max)
Power	Adapter		12DC, 2000mA
	P-o-E		Power-over-Ethernet IEEE 802.3af (Optional)
Environment	Operating Temperature		-5°C ~ + 45°C
	Stand-by Temperature		-20°C ~ + 55°C
	Operate Humidity		5% - 90%　(no condensation)
	Storage Humidity		5% - 95%　(no condensation)
External Ports	USB		USB Host
	GPIO		Free programmable GPIO (2 in - 2 out)
Certificates			FCC, CE
Accessories	Vesa 75 Mount		The NQuire 200 complies with standard VESA 75 brackets enabling easy mounting on shelves and walls.
	ADP120		The power adapter for NQuire200 Series. Output: DC12V, 2A; Input AC100~240V, 50~60HZ

* Configuration tools: The NQuire 200 uses internal webserver for configuration. This eliminates Operating System restrictions.　　V1.0

Specifications are subject to change without notice.