



Configuration & Specifications

CONFIGURATION

Nomad ND2100

Complete Nomad Expert Technician System w/Integrated Wireless Computer
Includes: Left or Right Eye Configuration; Visor or Ball Cap Headgear
Includes: Nomad Display and Headgear; Computer, Wireless Connectivity, Battery, AC Adapter/Charger; USB Service Cable, Belt Clip, Lens Cleaning Kit and User/Safety Guide



Optional Accessories

Carrying Case, Dual Battery Charger; USB Keyboard, Spare Battery, Replacement Occular

SPECIFICATIONS

System

Processor 400 MHz Intel X-Scale®
Operating System Windows CE.Net
User Controls Multi-function Touchpad and 4-button keypad
Application Software Windows CE Terminal Services Client, Windows Internet Explorer; Viewers for MS Word, PowerPoint, Excel, Acrobat PDF, WordPAD, ImageViewer, MS Media Player



Interface

Wireless Network IEEE 802.11B Protocol, Configurable DHCP or Static IP Address Settings
USB Ports (2) Auxiliary Input Device; Software Installation/File Transfer via Microsoft ActiveSync System Firmware Upgrade

Power

DC Voltage Input AC Adapter and Internal Battery Charger
Rechargeable Battery Li-polymer for more than 4 hours of continuous operation from a full charge with wireless networking enabled

Display

Display Resolution SVGA 800 x 600 pixels
Luminance 1 to 800 fL (foot-Lamberts) – Visible in bright sunlight conditions
Field of View 23 x 17.25 degrees (Equivalent to 17-inch monitor at arm's length)
Display Color Monochrome Red
Grey Levels Up to 32 User Discernable Grey Shades
Focus Depth 1 ft. to infinity (user adjustable)
Image Refresh Rate 60 Hz

Physical

Eye Clearance Distance 25 mm (compatible with safety glasses & eyeglasses)
Weight Head-worn Module: 4.5 oz. (128g.) plus headgear (~8 oz. total headborne weight)
Belt-worn Module: 28 oz. (794g.)
Operating Environment Temperature: -20° to 45° C (-4 to 113° F)
Relative Humidity: 10 to 90%, non-condensing
Storage Temperature: -20 to 60° C (-4 to 140° F)

Safety & Regulatory

Regulatory Compliance FCC Class A, Class I Laser Product, FDA CDRH, CE, C tick
Safety Certification UL (Planned)

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