

# NCD ThinSTAR® Voyager

## The Mobile Thin Client



### Mobility for Today's Critical Business Decisions

#### Highlights

- Access to Server-based Computing
- Local Web Browser
- Flexible Ergonomics
- Character Recognition
- Wireless Connections
- Stand-alone Mode
- Usability, Today and Tomorrow

#### Access to Server-based Computing

The NCD ThinSTAR® Voyager tablet lends its flexibility to the server-based computing environment. The Voyager provides access to information on Windows and Web servers over standard or wireless networks. And its long battery life frees users from the limitations of physical connections.

With both local ICA and RDP clients, users have access to high performance servers, allowing applications to execute faster than on normal desktop devices. Keystrokes, mouse clicks and screen updates are transmitted between server and tablet in a highly optimized format that does not degrade the overall network performance.

Server-based computing reduces the cost and complexity of application deployment and administration, since all applications are installed, updated and maintained on central servers rather than on distributed devices. In addition, server-based computing provides comprehensive application access. User files are readily available, up-to-date, and secure. There is never a need to worry about multiple versions of distributed data files.

#### Local Web Browser

The Voyager supports a local Microsoft® Internet Explorer browser for accessing web-based applications. And standard web protocols available in the browser make custom business web applications likewise available. Users will also appreciate the overall improvement in response time provided when running a browser locally.

#### Flexible Ergonomics

With its wide range of viewing angles, the Voyager can accommodate a fixed mounting position and yet meet the needs of a wide range of users. With Active Matrix color technology, the device may be used in a wide variety of lighting conditions. The user can also adjust the back light setting to maximize battery life.

The Voyager can be supported with a single hand. Its ergonomic design - featuring a swing-away handle - makes the device easy and safe to carry between tasks. For convenient access, the retractable stand allows the Voyager to sit upright on a desk.

The user can size and customize the onscreen keyboard so as to avoid covering a specific application's display area and can quickly remove and restore the onscreen keyboard with a single stylus click on the desktop. The tablet can also accommodate an optional USB keyboard

#### Character Recognition

The Voyager also supports text input with an advanced handwriting recognition system. The device instantly converts printed or cursive

characters into text and places them at the current text cursor location. As part of the recognition process, the Voyager uses an expandable dictionary to validate words prior to application acceptance. The Voyager need not be trained on user-specific characteristics, but is available immediately.

#### Wireless Connections

The Voyager supports third-party 802.11b wireless PCMCIA cards - hence providing freedom to users formerly tied to stationary desktops.

#### Stand-alone Mode

The Voyager also supports a stand-alone mode for accessing local Microsoft Windows CE applications, such as Pocket Word. Using ActiveSync, other Windows CE applications may be downloaded to and executed on the tablet.

#### Example Applications

- Retail inventory management
- Health care - patient monitoring
- Computer systems management, including servers and routers
- Kiosks to access work schedules, enter time records, review job assignments
- Testing for job applicants, students
- Management for office layout (i.e., electrical or HVAC)
- Personalized sales/service to highlight product comparisons, present additional information
- Product assembly procedures (i.e. accessing ISO 9000 procedures)

#### Usability, Today and Tomorrow

The Voyager may be updated quickly and simply over any TCP/IP network. Its local program image is reloaded as needed with new releases of software. With its large memory capacity, the Voyager has access to on-going updates, including enhancements to the local Internet Explorer, Microsoft Terminal Services Client, and the Citrix ICA client.



# NCD ThinSTAR® Voyager



## Standard Features

### System

206 MHz Intel StrongARM SA-1110 Processor  
 Windows CE 3.0  
 64 MB RAM/32 MB ROM  
 Two Type II PCMCIA slots  
 Pre-installed Software:  
     Citrix ICA  
     Microsoft Terminal Services Client  
     Internet Explorer 4.0 Web Browser

### Display

Active Matrix Color TFT  
 12.1" Viewable Screen Area  
 XGA (1024 x 768) Resolution  
 16-Bit Color  
 Viewing angles up 120° horizontally and 100° vertically

### Input

Touchscreen & Stylus  
 Software Emulated Keyboard  
 Character recognition

### Connectivity

XGA 15-pin Mini D-SUB (output)  
 USB Interface (Host or Slave)  
 Audio In/Out Jack

### Power

Integrated Battery Charger  
 AC Adapter 100-240 VAC, 50-60 Hz  
 Li-Ion Battery (Up to 4 hours)

### Specifications

Size: 9.4" x 11.7" x 1.2"  
 Weight: 4.0 lbs. including battery  
 Operating Temperature: 32° to 104° F (0° to 40° C)  
 Storage Temperature: -4° to 140° F (-20° to 60° C)  
 Humidity: 20%-85% RH (non-condensing)  
 Altitude: Up to 10,000 feet

### Tablet Warranty

One year return-to-depot limited warranty

### Pre-installed Third-party PCMCIA Drivers

(Cards not included)

Cisco Aironet 340/350 Wireless (802.11b)  
 Avaya ORINOCO Wireless (802.11b)  
 Proxim RangeLan2 Wireless  
 Generic PCMCIA 10MB NIC  
 SANS PCMCIA Disk Compact Flash

### Supported Server Operating Systems

Microsoft Windows 2000 Server  
 Microsoft Windows NT Server 4.0, Terminal Server Edition  
 Citrix MetaFrame  
 Citrix MetaFrame XP

### Device Management

Transfer data files using ActiveSync  
 New software releases provided directly via network

### Standards Compliance

FCC Part 15 Class B  
 EN55022  
 EN55024  
 EN60950  
 CE

### Product Codes

TS664-US Tablet includes North American power cord.  
 TS664-EU Tablet includes UK/European power cords.

## ThinSTAR Voyager Accessories

|                 |  |
|-----------------|--|
| TSV-EX-BATTERY  | Extended Life Li-Ion Battery (up to 6 hours) |
| TSV-STD-BATTERY | Standard Li-Ion Battery (up to 4 hours)      |
| TSV-RECHARGER   | Battery-Pack Charging Stand                  |
| TSV-STYLUS3     | Voyager Stylus                               |
| TSV-CASE        | Nylon Carrying Case                          |
| TSV-RUGGED-CASE | Rugged Carrying Case                         |
| TSV-STRAP       | Webbed Shoulder Strap                        |
| TSV-USB-CABLE   | USB cable                                    |
| TSV-ADAPTER     | AC Power Adapter                             |

Tablet supports third-party USB (North American) keyboards.

All Specifications Subject to Change



### Corporate Headquarters

Network Computing Devices  
 10795 SW Cascade Blvd  
 Portland, Oregon 97223  
 800/800-9599  
 503/431-8600  
<http://www.ncd.com>

### Network Computing Devices (Benelux) B.V.

Marktplein 222  
 2132 CW Hoofddorp  
 Netherlands  
 +31 (0) 235541070