

# Wyse S10 Thin Client

The Thin Client of Choice for Citrix ICA and Microsoft RDP Environments



The Wyse S10 Thin Client is the most optimized solution for Citrix ICA (MetaFrame Presentation Server) and Microsoft RDP (Terminal Services) environments. It combines great performance, stateless operation, low power consumption, USB ports, remote management, and simple device setup and imaging. This small, lightweight, solid-state (all electronic, with no disk or fan) unit can be mounted out of the way, even on the back of a display, making the S10 ideal for any space-constrained environment.

The Wyse S10 features a fast, high-resolution video subsystem that minimizes eyestrain and meets stringent health and ergonomic requirements. Four USB I/O ports allow you to connect local peripherals with ease. The highly optimized Wyse Thin OS™ software delivers RDP and ICA session performance that is several times faster than other full-featured embedded operating systems requiring more powerful and more expensive hardware. Image management is automated via DHCP and FTP, while Wyse Device Manager™ (formerly Rapport™) handles additional remote device management.

The Wyse S10 offers the utmost security and protection from viruses and malicious software because the Wyse Thin OS software does not have a publicly exposed API that can be exploited by hackers, and no data is stored on the device.

Additionally, the Wyse S10 has an extremely small footprint, a key feature where space is at a premium. The S10's small footprint and innovative monorail mounting system allow you to mount the device to a wall, desk, monitor, under a work space, within a cash register, or any other tight space.

With its small footprint, built-in security, and highly optimized operating system, the S10 is the thin client of choice for enterprises and organizations running Citrix MetaFrame Presentation Server or Microsoft Terminal Services.

**Sold and Supported by:**

## Features

## Benefits

RDP and ICA session support via a straightforward connection manager	Choose one or both of the leading thin computing session access protocols
Multiple session support with true seamless windows	Increases user productivity by enabling multiple applications to run with a fully functional and familiar user interface
Significantly faster remote application execution performance than most thin clients	The ultra-thin and highly optimized Wyse Thin OS software achieves fast and responsive performance with modest low-cost hardware. Performance is typically up to 3x of other thin clients even those with more powerful microprocessors
Image loading via DHCP and ftp	Permits reconfiguration, firmware upgrades, and customized configurations either from an administration server or other desktops
Plug-and-play connectivity	Simple and fast to install, connect, and use out of the box
Stateless device	Simple install, startup, free seating, and rapid device replacement because all configuration settings are stored on a server
Data security and integrity	No data is stored on the thin client, so it cannot be lost or stolen
Integrated 10/100 Ethernet and wireless LAN connectivity	Connect to wired and wireless networks
No fans or disks	No motors results in lower power consumption, quiet operation, and ultra-high reliability (very high MTBF)
Wyse Device Manager software	Remote management including configuration, device health, reboot, and more
Small and compact unit	Readily fits into most any work-space, as well as "out of the way" mounting options
Three-year Buyer's Protection Plan	Assurance of reliability, availability, and performance, from the #1 thin computing vendor

Wyse S10 Thin Client  
Actual Size



Size: 1.38 inches (34mm) by 6.94 inches (177mm)





Depth: 4.75 inches (121mm)

Shipping weight: 6lbs (2.7kg)

Shown with optional vertical feet.

Monitor mounting bracket also available.

<b>Wyse Thin OS</b>	<b>Features &amp; Benefits</b> Wyse Thin OS ( <i>formerly Blazer™</i> ), adds new expanded capabilities for accessing published applications running remotely via a Citrix server or via Microsoft terminal services. The following new features complement the already existing feature set.	
<b>Session Type</b>	<b>Features</b>	<b>Use/Benefit</b>
<b>ICA</b>	<p>Basic ICA features and functionality</p> <hr/> <p>ICA version-8 client compatibility with seamless windows</p> <hr/> <p>SSL/TLS Encryption</p> <hr/> <p>Secure Gateway Support via the Program Neighborhood Agent</p> <hr/> <p>Browsing Acceleration</p> <hr/> <p>Audio input (from the client to the server)</p>	<ul style="list-style-type: none"> <li>■ Up to 1280x1024 resolution with 24-bit color depth</li> <li>■ Memory and persistent cache</li> <li>■ International keyboard support</li> <li>■ Browsing (TCP/HTTP)</li> <li>■ Disconnect &amp; Reconnect</li> <li>■ Encryption, up to 128 bit strength</li> <li>■ Printer support</li> <li>■ COM port support</li> <li>■ Bidirectional audio (client to server is new)</li> <li>■ Clipboard</li> <li>■ Multi-farm support via PN Agent</li> <li>■ Password expiration in PN Agent</li> <li>■ Roaming user reconnect</li> <li>■ International time zone support</li> </ul> <hr/> <p>Provides access to Citrix Presentation Server with version-8 compatibility and functionality, enabling an end-user experience such that published applications have the same (seamless) appearance, operation, and desktop integration as do locally run applications</p> <hr/> <p>Enables a secure connection between the Wyse Thin OS ICA client and a Citrix server.</p> <hr/> <p>Enables secure access from remote locations to any application hosted on Citrix Presentation Server.</p> <hr/> <p>Faster downloading and faster scrolling of images within web pages, and hence a faster overall browsing experience by compresses image data transferred to the thin client</p> <hr/> <p>Ability to accept audio input and pass it to a server for processing</p>
<b>RDP</b>	<p>Support for network printers on a Microsoft LAN</p> <hr/> <p>Serial port mapping</p> <hr/> <p>Enhanced responsiveness to end-user interactions with the system and with application software</p>	<p>Ability to print from the thin client to a printer connected onto a LAN</p> <hr/> <p>Enables the use of a serial port attached to a thin client in a terminal services session</p> <hr/> <p>Results in faster startup time and more responsiveness, especially when network bandwidth is limited (by disabling certain desktop options such as wallpaper and animations)</p>
<b>Other/Both</b>	<p>Enhanced user interface for viewing and editing network settings and connection properties</p> <hr/> <p>Support for touch screens from Elo</p> <hr/> <p>USB sync with Palm and IPAQ PDAs</p> <hr/> <p>Straightforward printer selection in either RDP or ICA sessions</p>	<p>End-users have a simple and easy way to view and edit their network settings and connection properties</p> <hr/> <p>Integrated driver support enabling touch screens to be connected to the thin client via serial port</p> <hr/> <p>Integrated driver support enabling Palm and PocketPC types of PDAs to be connected to the thin client and synced with the end-user's data, via the OneBridge sync for Palm PDAs and ActiveSync for PocketPCs</p> <hr/> <p>Simple user interface that facilitates the selection of up to four printers found on a Microsoft network (all printers found are presented in a tree view)</p>

Software	<b>Modular Terminal</b>	<ul style="list-style-type: none"> <li>■ Integrated Citrix ICA and RDP protocols standard with 32MB RAM</li> </ul>		
	<b>Firmware Features</b>	<ul style="list-style-type: none"> <li>■ ICA and RDP, NFuse Lite Client resident with stateless architecture</li> </ul>		
	<b>Server OS Compatibility/Support</b>	<ul style="list-style-type: none"> <li>■ Citrix WinFrame, MetaFrame, and Presentation Server</li> <li>■ Microsoft Windows NT 4.0 – Terminal Server Edition</li> <li>■ Microsoft Windows Server 2000 and 2003</li> </ul>		
	<b>Set-Up and Configuration</b>	<ul style="list-style-type: none"> <li>■ All configuration information stored on server</li> <li>■ Multi-session windowing environment</li> <li>■ Unified connection manager</li> <li>■ Keyboard language support: Belgian Dutch and French<sup>1</sup>, Brazilian<sup>1</sup>, Canadian French, Danish<sup>1</sup>, Dutch<sup>1</sup>, Finnish<sup>1</sup>, French, German, Italian, Norwegian<sup>1</sup>, Polish<sup>1</sup>, Portuguese<sup>1</sup>, Spanish, Swedish<sup>1</sup>, Swiss French<sup>1</sup>, Swiss German<sup>1</sup>, U.K. English, U.S. English, and more</li> </ul>		
	<b>Protocol Support</b>	<ul style="list-style-type: none"> <li>■ Point-to-Point Protocol (PPP)</li> <li>■ Windows 2000 RAS support</li> <li>■ Wi-Fi 802.11b USB (visit <a href="http://www.wyse.com">www.wyse.com</a> for supported peripherals)</li> <li>■ Multiple master browser support on ICA</li> <li>■ Supports Citrix load balancing on ICA</li> <li>■ DHCP support for automatic firmware upgrades</li> </ul>	<p><b>Configuration</b></p> <ul style="list-style-type: none"> <li>■ Stateless server-based configuration</li> <li>■ Free seating and unit configuration</li> <li>■ Network printing via LPD</li> <li>■ PPPoE to connect to WAN via DSL</li> <li>■ Simple Network Time Protocol (SNTP)</li> <li>■ TCP/IP, DNS</li> <li>■ VNC server</li> </ul>	
	<b>Management</b>	<ul style="list-style-type: none"> <li>■ Remote management, configuration, and upgrades through Wyse Rapport software (agent and Workgroup edition included)</li> <li>■ Wake terminal remotely (Wake-on-LAN)</li> </ul>		
Hardware	<b>Processor</b>	<ul style="list-style-type: none"> <li>■ AMD Geode GX 533</li> </ul>		
	<b>Input/Output/Peripheral Support</b>	<ul style="list-style-type: none"> <li>■ One serial port</li> <li>■ Four USB ports (two on front, two on back)</li> <li>■ Keyboard: enhanced USB with Windows keys (104 keys) included<sup>2</sup></li> <li>■ Mouse: PS/2 wheel mouse included</li> <li>■ VGA-type video output (DB-15)</li> <li>■ Local printers via USB and serial ports</li> <li>■ Built-in Kensington security slot (cable lock sold separately)</li> </ul>		
	<b>Networking</b>	<ul style="list-style-type: none"> <li>■ 10/100Base-T Fast Ethernet, twisted pair (RJ-45)</li> <li>■ USB Wi-Fi adapter 802.11b (sold separately)</li> </ul>		
	<b>Display Support<sup>3</sup></b>	<ul style="list-style-type: none"> <li>■ VESA monitor support, with Display Data Control (DDC) for automatic setting of resolution, and refresh rate</li> </ul>	<p><b>Display Resolution</b></p> <p>1280x1024 @ 85Hz 1600x1200 @85Hz 1280x1024 @ 100Hz</p> <p><b>Color Depth</b></p> <p>16-bit, 64K colors 16-bit, 64K colors 24-bit, 16.7M colors</p>	
	<b>Audio<sup>3</sup></b>	<ul style="list-style-type: none"> <li>■ Output: 1/8-inch mini, full 16-bit stereo, 48 KHz sample rate</li> </ul>		
	<b>Physical Characteristics (H x W x D)</b>	<ul style="list-style-type: none"> <li>■ Height: 1.38 inches (34mm)</li> <li>■ Width: 6.94 inches (177mm)</li> <li>■ Depth: 4.75 inches (121mm)</li> <li>■ Shipping weight: 6lbs (2.7kg)</li> <li>■ Horizontal feet included; optional vertical desktop stand (as shown at right) sold separately</li> <li>■ Optional mounting bracket for installation beneath desk or on wall sold separately</li> </ul>		
	<b>Accessories and Add-Ons</b>	<ul style="list-style-type: none"> <li>■ See <a href="http://www.wyse.com/products/accessories">www.wyse.com/products/accessories</a> for availability information</li> </ul>		
	<b>Environmental</b>	<p><b>Temperature range</b></p> <ul style="list-style-type: none"> <li>■ Operating: 32° to 104°F (0° to 40° C)</li> <li>■ Storage: -14° to 140°F (-10° to 60° C)</li> <li>■ Convection cooling, fanless design</li> </ul>	<p><b>Humidity</b></p> <ul style="list-style-type: none"> <li>■ 20% to 80% noncondensing</li> </ul> <p><b>Operating altitude range</b></p> <ul style="list-style-type: none"> <li>■ 0 to 10,000 feet (0 to 3,050 meters)</li> </ul>	
	<b>Power</b>	<ul style="list-style-type: none"> <li>■ Worldwide auto-sensing 100-240 VAC, 50/60 Hz</li> <li>■ Average power usage: 5.6 Watts (Set-up: device connected with 1 USB keyboard, 1 PS/2 mouse, and monitor)</li> </ul>		
	<b>Regulatory compliance</b>	<p><b>Ergonomics</b></p> <ul style="list-style-type: none"> <li>■ German EKI-ITB 2000</li> <li>■ ISO 9241-3/-8</li> </ul> <p><b>Safety</b></p> <ul style="list-style-type: none"> <li>■ cULus 60950</li> <li>■ TÜV-GS</li> <li>■ EN 60950</li> </ul> <p><b>RF interference</b></p> <ul style="list-style-type: none"> <li>■ FCC Class B</li> <li>■ CE</li> <li>■ VCCI</li> <li>■ C-Tick</li> </ul>		 
<b>Warranty</b>	<ul style="list-style-type: none"> <li>■ Three-year limited warranty</li> </ul>			



**Wyse Technology Inc.**  
3471 North First Street  
San Jose, CA 95134-1801

**International Sales:**  
Australia 61 (0) 2 9492 0180  
China 86 10 84973054/55  
France 33 1 39 44 00 44  
Germany 49 (0) 89 4600990  
India 91 80 4154 8888  
Singapore 65 6728 9973  
UK 44 (0) 1189 342200  
United States 408 473 1200

**Wyse Sales:**  
800 GET WYSE  
(800 438 9973)

**Visit our websites at:**  
<http://www.wyse.com.au>  
<http://www.wyse.cn>  
<http://www.wyse.fr>  
<http://www.wyse.de>  
<http://www.wyse.in>  
<http://www.wyse.sg>  
<http://www.wyse.co.uk>  
<http://www.wyse.com>

**Or send email to:**  
[sales@wyse.com](mailto:sales@wyse.com)

**Wyse Customer Service Center:**  
800 800 WYSE  
(800 800 9973)

<sup>1</sup>Contact Wyse for latest versions. <sup>2</sup> International keyboards are provided in a localized product kit and may be sold separately. <sup>3</sup>Monitor, speakers, and microphone not included.

©2005 Wyse Technology Inc. All rights reserved. Wyse is a registered trademark, and the Wyse logo, Blazer, and Wyse Device Manager are trademarks of Wyse Technology Inc. Rapport is a registered trademark of Rapport Technologies, Inc., a division of Wyse Technology Inc. Citrix, ICA, MetaFrame, and WinFrame are registered trademarks of Citrix Systems, Inc. Microsoft, Windows, and Windows XP are registered trademarks of Microsoft Corporation. Other product names mentioned herein are for identification purposes only and may be trademarks and/or registered trademarks of their respective companies. Specifications subject to change without notice.  
10/05 880924-65, Rev. B