

Simple. Powerful. Connectivity solutions from

# **USRobotics**®



#### **WORLDWIDE MARKET**

Since the dawn of the Internet, **USRobotics** has built its reputation as an industry leader by providing simple, high-performance and reliable home and business connectivity devices. Millions of people first experienced the Internet with USRobotics products. That tradition continues as we work to integrate the latest technology into easy to use solutions.

In 2005 USRobotics introduced its 4th generation of wireless networking solutions – *MAX*g. This extensive product family delivers on the promise of 802.11g technology, optimising it in order to *MAX*imize range, performance, security and simplicity. In the end, whether customers or our reseller partners are installing these networks they are assured of quick, nearly effortless installations that will exceed their expectations.

Also in 2005, USRobotics extended its high-performance Gigabit networking product family, now featuring three Gigabit switches and adapters for laptops, desktops and servers. Together these provide an easy path to migrate home and business networks from fast Ethernet to Gigabit, incrementally or all at once.

The drive to integrate the best technology in easy, yet powerful connectivity products led to the development of the USR808200 Firewall/VPN/NAS appliance - a rock solid firewall and full-featured VPN router that uniquely includes an integrated file/FTP server, USB Print Server, and powerful web filter powered by SurfControl. Protecting networks and the data they transmit has never been easier.

USRobotics continues to lead the world in the development of the fastest & easiest to use analog modems. Full-featured ADSL modems with ADSL2+ technology and integrated with wired and wireless routers. USRobotics has the modem to meet the need.

Capitalising on its legacy of delivering great value in technology-based products, USRobotics continues to bring exciting new products to its worldwide customer base quickly and competitively. You can expect simplicity in setup and use, excellent reliability, best-in-class performance and dependable service & support that USRobotics customers have enjoyed for decades.



## INTRODUCTION

Whether you are looking for a simple way to connect to the Internet, download heavy files or transfer photographs or video streaming then USRobotics has the right products for you.

To help you choose the right product for your needs we have included in this guide a simple logo by each product to indicate if the product is primarily designed for the Consumer, Advanced User or for the Business.









#### **WRELESS RANGE AND ANTENNAS**

High speed, better security, greater compatibility and ease of use. No other line of wireless products offer the feature-rich performance and reliability from USRobotics.

#### **MAX**g technology provides

**MAX**imum range - Up to 50% greater than standard 802.11g plus more reliable wireless connections

**MAX**imum speed - Delivering up to 125 Mbps performance

**MAX**imum security - A wide range of security and encryption options, including WPA and WPA2

MAXimum simplicity - Exclusive SureStart™ installation wizard installs the wireless adapter/ PC card, router if applicable, validates wireless connections and simplifies security set up giving you wireless connections in less than five minutes and secured in less than ten minutes!

USRobotics antenna accessories provide enhanced wireless network range and improved connections for a variety of 802.11b and 802.11g wireless products. Simple connections and no configuration requirements make them easy solutions to wireless speed and connection reliability issues.

Get the best 802.11g networking available with the USRobotics Wireless Products!

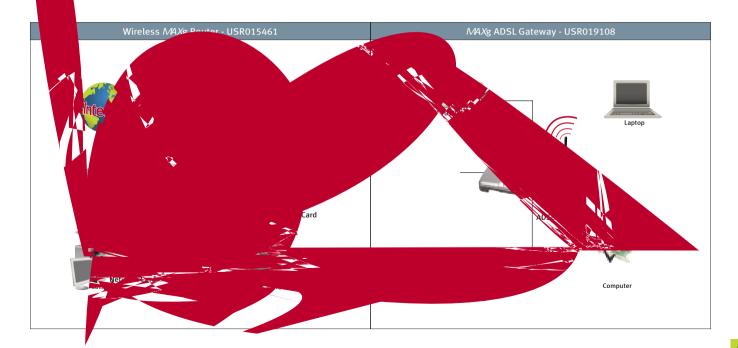






Description	Wireless <i>MAX</i> g Router - USR015461	MAXg ADSL Gateway - USR019108
Customer Needs	The solution for sharing high-speed Internet access from a cable modem or simple Ethernet modem among multiple wired & wireless computers	ADSL and MAXg wireless technologies for a complete home or small office broadband network securely sharing ADSL Internet connection and USB Printers, over wireless or Ethernet connections
Benefits	Attaches to any Ethernet connection to provide high speed wireless and wired internet connections with the highest standards based security.	Five products in one: ADSL2+ modem, $\emph{MAX}g$ access point, 4-port router, Firewall and USB Print Server
MAXg Technology	V	٧
ADSL Modem included	No	√ (ADSL2+ and Standard ADSL)
Wireless PCs supported	30	30
Complete suite of security measures	v (including Stateful Packet Inspection firewall and WPA2 for wireless security)	√ (including Stateful Packet Inspection firewall and WPA2 for wireless security)
Installation Wizard	SureStart™	SureConnect™
802.11b (11Mbps) 802.11g (54Mbps) compatibility	<b>v</b>	٧
Integrated USB Print Server (USB Port)	V	٧
Detachable antenna	V	√
Two-year limited manufacturer warranty from date of purchase	V	٧
Security Supported	WPA2 + WPA + WEP	WPA2 + WPA + WEP
Compatible with wireless distribution systems (WDS)	V	٧
MAXg Speed	125 Mbps	125 Mbps

















Description	MAXg PC Card - USR805411	<i>M</i> AXg USB Adapter - USR805421	
Customer Needs	High-performance and secure wireless connectivity for laptop computers	High-performance and secure wireless connectivity and laptop. Includes 2dB antenna providing twice the gain of normal USB adapters!	
Benefits	Low Power consumption to aid in the life of the laptop battery  Unique directional antenna to help wit signals behind a Desktop PC and lapto		
MAXg Technology	V	V	
SureStart™ Installation Wizard	V	V	
802.11 b (11Mbps) 802.11g (54Mbps) compatibility	V	√	
Two-year limited manufacturer warranty from date of purchase	V	√	
Security Supported	WPA2 + WPA + WEP	WPA2 + WPA + WEP	
MAXg Speed	125 Mbps	125 Mbps	





Compatible with wireless distribution systems (WDS)



٧





Description	<i>MAX</i> g PCI Adapter - USR805417	MAXg Range Extender - USR805441	
Customer Needs	High-performance and secure wireless connectivity for desktop computers	Ideal solution to extend the range of a wireless network	
Benefits	Detachable antenna	Compatible with routers and access points	
MAXg Technology	V	V	
SureStart™ Installation Wizard	V		
802.11 b (11Mbps) 802.11g (54Mbps) compatibility	V	V	
Detachable antenna	✓	V	
Two-year limited manufacturer warranty from date of purchase	V	V	
Security Supported	WPA2 + WPA + WEP	WPA2 + WPA	
<i>M</i> AXg Speed	125 Mbps	125 Mbps	

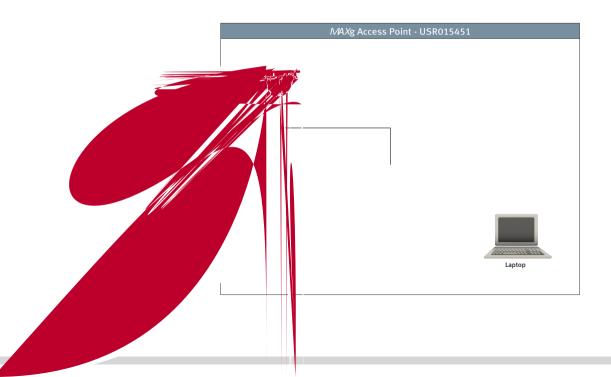






		•	
Description	MAXg Ethernet Bridge - USR805432	MAXg Access Point - USR015451	
Customer Needs	Ideal solution to make any Ethernet device a wireless device	Turns an existing wired network into a high-performance wireless network	
Benefits	Compatible with Ethernet printers, game consoles etc	Excellent compatibility & wall mountable, does not include a router	
<i>MAX</i> g Technology	V	V	
SureStart™ Installation Wizard			
802.11 b (11Mbps) 802.11g (54Mbps) compatibility	V	✓	
Detachable antenna	V	V	
Two-year limited manufacturer warranty from date of purchase	V	V	
Security Supported	WPA2 + WPA	WPA2 + WPA + WEP	
MAXg Speed	125 Mbps	125 Mbps	











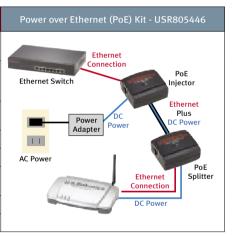


Description	Wireless USB Adapter - USR805422	Wireless Network Starter Kit - USR015470
Customer Needs	Perfect solution to connect to wireless networks with either laptop or desktop computers.	The perfect solution for homes and small businesses that want to share their high-speed DSL/Cable Internet service among multiple users.
Benefits	Provides excellent security with multiple security options, as well as simple installation and operation.	Four Products in one: 802.11g Wireless Access Point, 4-port router, Firewall, Wireless USB Adpater.
802.11b (11Mbps) 802.11g (54Mbps) compatibility	V	<b>v</b>
54g+ technology		
Security	WPA + WEP	WPA + WEP
Site Survey Software	V	
Wireless PCs supported		30
Wired PCs supported		4 directly but expandable to 253
Integrated 802.11g Wireless Access Point		✓
Powerful Firewall (Stateful Packet Inspection)		V
Easy to install and use		V
Flexibility and protability with the wireless USB adapter		V

#### POE



Description	Power over Ethernet (PoE) Kit - USR805446	
Customer Needs	Power your access point through the ethernet cable to extend your wireless network without adding electrical outlets	
Benefits	Using the PoE kit allows access points to be placed up to 100 metres (300 feet) away from an electrical outlet, using the Cat 5 Ethernet cable to carry both the data signals and electrical power	
Position access points anywhere in your building	V	
Extend wireless networks	V	
Simple to install	V	
Compatible with all wireless speeds	V	
Using existing cabling	V	
Compatible with	5450, 5451, 5461, 8054   √	



#### **Antennas**





5dBi Desktop/Metal surface Mountable Antenna - USR5484	5dBi Omni Directional Antenna USR5481	
Improve wireless connections for desktop computers	Replacement antenna to extend range of 802.11b/802.11g wireless routers, access points & desktop adapters	
Connect to 802.11b/g wireless PCI cards to enhance range and position antenna away from the typically noisy "behind the desktop" location	Connect your Router to enhance the range in your home or small office	
V	٧	
√	٧	
V	٧	
V	٧	
V	٧	
√		
√	V	
V		
	Mountable Antenna - USR5484  Improve wireless connections for desktop computers  Connect to 802.11b/g wireless PCI cards to enhance range and position antenna away from the typically noisy "behind the desktop" location  V  V	

#### **Antennas**









Description	9dBi Directional Wall Mount Antenna - USR5482A	14dBi Directional Wall Mount Antenna - USR5483	
Customer Needs	Provides focused long distance coverage for large areas and hot spots. Provides 50% more distance than 5dBi antenna or can be used in bridging up to 1km  Provides focused long distance coverage for large and hot spots. Provides 70% more distance than 5dBi antenna or can be used in bridging up to 2km		
Benefits	Allows you to position antenna for improved coverage of a large area e.g. conference centre	Perfect for building to building wireless bridges in a campus environment. Complete with mounting brackets for proper alignment	
2.4 GHz compatibility	٧	V	
Reverse Polarity SMA connectors	٧	٧	
No configuration required	٧	٧	
Eliminate Dead spots	٧	٧	
Improve wireless range	٧	<b>v</b>	
Wall or Corner mountable	٧	٧	
Omni Directional Antenna			
Directional antenna	٧	٧	
Outdoor rated	٧	٧	
Includes 1.5m lead	٧	V	



#### **ADSL**

#### Powerful solutions for a broadband connected world!

USRobotics ADSL broadband routers take full advantage of over 25 years of developing high performance connectivity products that optimise connections over telephone networks. The SureConnect™ line delivers the ease of use, quality and reliability customers have grown to expect from USRobotics. With a SureConnect™ broadband solution, the speed and bandwidth that you need for streaming audio and video, remote network access/telecommuting, online gaming and more will be readily accessible. Both models focus on meeting customer defined needs and deliver an optimal mix of feature/functionality while ensuring deployment and support costs are low through simplified installation and support. Implemented in the USRobotics SecureStack modular case, your network can be easily and elegantly expanded by adding stackable Ethernet switches and wireless solutions. You may be making a move to broadband, but you can still depend on USRobotics to ensure a smooth transition with simple and reliable self-installations.

## **ADSL**



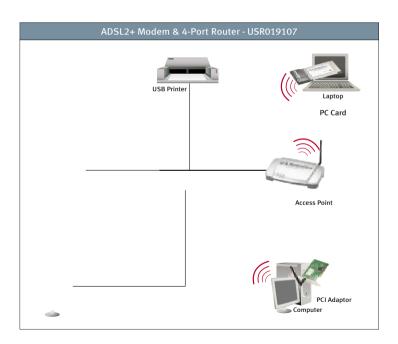


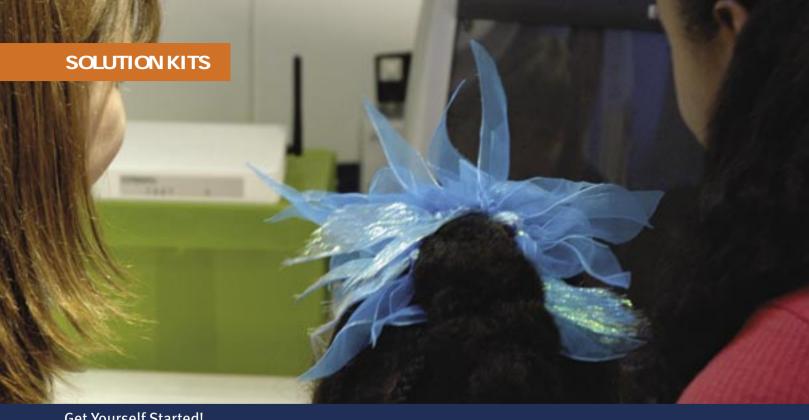




Description	ADSL2+ Modem & 4-Port Router - USR019107	MAXg ADSL2+ Gateway - USR019108	
Customer Needs	Latest ADSL2+ modem for hight speed broadband at home or in a small office	ADSL and MAXg wireless technologies for a complete home or small office broadband network securely sharing ADSL internet connections and a USB Printer, over wireless or Ethernet connections	
Benefits	Share a high speed broadband connection with multiple computers. Also share a simple USB printer with all network users	Five products in one: Advanced ADSL (including ADSL and ADSL2+) modem, MAXg access point, 4-port router, Firewall and USB Print Server	
Advance ADSL Technology (including ADSL2 and ADSL2+)	٧	٧	
Maximum DSL speed	24Mbps	24Mbps	
Integrated USB Print Server	<b>v</b>	٧	
Wireless PCs supported		30	
Wired PCs supported	4 directly but expandable to 253	4 directly but expandable to 253	
Integrated 802.11g Wireless Access Point		٧	
Detachable Antenna		٧	
Compatible with 802.11b and 802.11g		٧	
Powerful Firewall (Stateful Packet Inspection)	V	٧	
Easy to install and use	V	٧	
Security supported	٧	٧	

# **ADSL**





#### Get Yourself Started!

Whether you have ADSL or Cable Internet access, the USRobotics Solution kits are the perfect tool for homes that want to share Internet service among multiple users.

## **SOLUTION KITS**









Description	Wireless Network Starter Kit - USR015470	Wireless MAXg Networking Kit - USR5472	
Customer Needs	The perfect solution for homes and small offices that want to share their high-speed ADSL/Cable Internet service among multiple users.	Powerful solution for homes and small businesses that want to share their high-speed DSL/Cable Internet service among multiple users.	
Benefits	Four Products in one: 802.11g Wireless Access Point, 4-port router, Firewall, Wireless USB Adpater.	Five Products in one: MAXg 802.11g Wireless Access Point, 4-port router, Firewall, USB Print Server, MAXg Wireless USB Adapter.	
Wireless PCs supported	30	30	
Wired PCs supported	4 directly but expandable to 253	4 directly but expandable to 253	
Integrated 802.11g Wireless Access Point	V	V	
Compatible with 802.11b and g	V	√	
MAXg speed		125 Mbps	
Security supported	WPA + WEP	WPA + WEP	
Detachable antenna		<b>v</b>	
Powerful Firewall (Stateful Packet Inspection)	✓	√	
Integrated USB Print Server (USB Port)		✓	
Easy to install and use	V	✓	
Flexibility and portability with the wireless USB adapter	V	V	

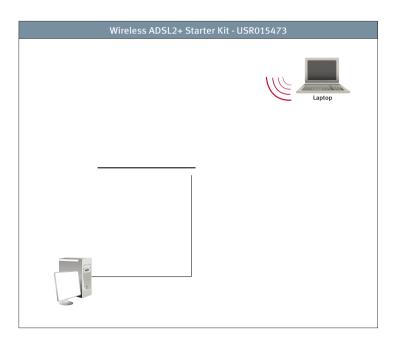
## **SOLUTION KITS**





Description	Wireless ADSL2+ Starter Kit - USR015473	MAXg ADSL2+ Gateway and USB Adapter - USR5474	
Customer Needs	The wireless ADSL2+ Starter Kit is the perfect solution for homes & small offices that want to share their ADSL Internet service among multiple users.	Powerful solution for homes & small offices that want to share their ADSL Internet service among multiple users.	
Benefits	Five products in one kit: ADSL2+ Modem, Access Point, Ethernet Router, Firewall & Wireless USB Adapter	Six Products in one: ADSL2+ Modem, MAXg 802.11g Wireless Access Point, Firewall, 4-port Router, USB Print Server, MAXg Wireless USB Adapter.	
Advance ASDLTechnology (including ADSL2 and ADSL2+)	V	V	
Maximum DSL speed	24Mbps	24Mbps	
Wireless PCs supported	30	30	
Wired PCs supported	1 directly but expandable to 253	4 directly but expandable to 253	
Integrated 802.11g Wireless Access Point	<b>v</b>	V	
Compatible with 802.11b and g	<b>v</b>	V	
MAXg speed		125Mbps	
Security supported	WPA	WPA + WPA2	
Detachable antenna		V	
Powerful Firwall (Stateful Packet Inspection)	V	٧	
Integrated USB Print Server (USB Port)		٧	
Easy to install and use	V	٧	
Flexibility and protability with the wireless USB adapter	V	٧	

## **SOLUTION KITS**





# **SKYPE Internet Calling Products**







Description	USB Internet Phone USR809600	USB Internet Speakerphone USR809610	USB Phone Adapter USR809620
Customer Needs	Designed to integrate seamlessly with the powerfull Skype Internet application, the USB Internet Phone simply plugs into a USB port to provide easy voice communications to any Skype user world-wide.	the powerfull Skype Internet application, the USB Internet Speakerphone simply plugs into a USB port to provide easy	



#### USRobotics provides a wide range of high-value products to meet your Ethernet networking needs!

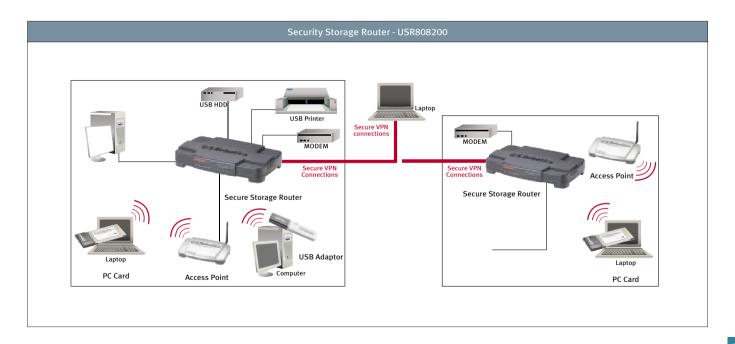
Wired networking is another category in which USRobotics is building a portfolio of high value, high performance products. Simple to use, reliable NICs and Ethernet switches - both traditional 10/100 Mbps and new 10/100/1000 Mbps gigabit products form the building blocks of customer networks. In addition, USRobotics continues to develop high-value routers for sharing broadband connections, files and network resources. The USR808200 is a high value, high performance, feature rich leader in the Firewall/VPN category and USRobotics continues to provide low cost Ethernet routers for home, small office and small business users networks. Hence USRobotics is providing simple, yet powerful networking solutions to help you build and grow your network.

USRobotics' new line of gigabit (1 billion bits per second) Ethernet products brings the benefits of the next generation of Ethernet connectivity within reach of technology savvy for home, small office and small business user. These high-performance products deliver the speeds needed to distribute large files (digital video, high-resolution photography, etc.) around your network at an unprecedented value.





Description	Security Storage Router - USR808200	Broadband Router with USB Print Server - USR848001
Customer Needs	Secure VPN network connections between offices, share a broadband connection, add a shared network attached storage and more!	Share the Internet & a USB printer with all the computers in your network
Benefits	Designed to be the centre of small to midsize networks delivering incredible value and functionality. A single device providing security, Internet sharing and storage control for files.	Use a dial-up modem for internet access or as emergency backup for internet access or Broadband connections
Includes a 4 port switch	V	V
Throughput WAN to LAN	26Mbps with Triple DES enabled	8Mbps
Print Server	2 (USB)	1 (USB)
File server function (accepts USB and Firewire HDD)	√ Up to 20 disks	
VPN client and VPN server (PPTP and IPSec)	Up to 256 Tunnels	
FireWall Type	Certified Stateful Packet Inspection + NAT	Stateful Packet Inspection + NAT
Compatible with any Ethernet interface	V	V
Content filtering	√ SurfControl	









Description	Broadband Router - USR848004
Customer Needs	Share the Internet with all the computers in your network
Benefits	Protect your network and share your broadband Internet access with up to 253 PCs
Print Server	
Throughput Wan to LAN	4Mbps
Firewall Type	Stateful Packet Inspection + NAT
Compatible with Cable Internet access	V







Description	8-Port Gigabit Switch - USR997930	16-Port Gigabit Switch - USR997932
Customer Needs	Create or expand a gigabit network	Create or expand a gigabit network
Benefits	10 times the performance of Fast Ethernet. Ideal for a small network	High performance and rack mountable, this device is ideal for a small business
Supports 10/100/1000MBps on each port	V	✓
Rack mountable (brackets provided)	V	∨
Universal Power Supply	V	V
Number of auto-sensing, auto cross over ports	8	16
Non-blocking design	V	V

Description	24-Port Gigabit Switch - USR997931	Gigabit PC Card - USR997903
Customer Needs	Create or expand a gigabit network	Add gigabit ethernet to your laptop computer
Benefits	24 ports of non blocking Gigabit Ethernet in a rack mountable unit, ideal for the small business	Change your 100M (Fast Ethernet) interface to GE for 10 times the access speed for a laptop PC.
Supports 10/100/1000MBps on each port	٧	V
Rack mountable (brackets provided)	V	
Universal Power Supply	٧	
Number of auto-sensing, auto cross over ports	24	1
Non-blocking design		







		V1755 N
Description	32-bit Gigabit Network Card - USR997902	64-bit Gigabit Card - USR997904
Customer Needs	Add Gigabit Ethernet to desktop computers	Add Gigabit Ethernet to servers
Benefits	Access Gigabit Ethernet networks at full speed for your standard desktop PCs	Powerful higher throughput unit designed for servers on Gigabit Ethernet networks.
Supports 10/100/1000MBps on each port	٧	V
Number of auto-sensing, auto cross over ports	1	1
PCI Bus width	32	64







Description	8-Port 10/100 Switch - USR017908
Customer Needs	Expands any Ethernet network
Benefits	Stackable small unit ideal for the home or SOHO network. Each of the 8 10/100 ports automatically adjust to the highest speed. No software to configure.
Supports 10/100MBps	V
Number of auto-sensing, auto cross over ports	8





Description	10/100 Mbps Network Card - USR997900	24-Port 10/100 Switch - USR997924B
Customer Needs	Add fast network access to Desktop computers	Create or expand a fast Ethernet network
Benefits	Simple 2-step installation	Add up to 23 Ethernet nodes to your network
Supports 10/100MBps	V	V
Number of auto-sensing, auto cross over ports	1	24



Sharing printers has never been easier!

The USRobotics USB Print Servers are designed to provide a simple way of attaching a USB printer to an Ethernet network or share a USB printer wirelessly, turning any USB printer into a shared network resource.

#### **PRINT SERVER**







Description	USB Print Server - USR807500	Wireless USB Print Server - USR805436
Customer Needs	Designed to provide a simple way of attaching a USB Printer to an Ethernet network, turning standard USB printers into shared network printers.	Designed to provide a simple way of attaching a USB Printer wirelessly, turning standard USB printers into wireless, shared network printers.
Wireless 802.11g		V
Supports USB printers	V	V
USB 1.1 and USB 2.0	V	V
Windows, Mac and Linux	V	V
Internet Printing Protocol	V	V



#### Make the most of your analog connections with the best analog modems in the world!

Superior performance, technological innovation, rock-solid reliability and value have made USRobotics dial-up analog modems the brand of choice for over two decades. While some areas of the world are seeing a transition to broadband Internet connections, dial-up continues to be the method used by the majority of web surfers. USRobotics continues to provide innovative, market leading products that optimise these connections. Whether you're looking to connect from your home, office or on the road, USRobotics has the right modem for you. With V92 technology you can answer calls whilst still online.

The USRobotics Courier™ flagship modem with V.Everything and V.Everywhere technology supports most communications protocols, operating systems and international phone systems. The following features have made this the business modem of choice for over a decade.

#### Features Include:

- Carrier-loss redial for assuring critical information is delivered
- Dial-back security providing enhanced security for business modems
- Intelligent Auto Install and hot swapping capability, making laptop modems easy to use
- Advanced line probing technology, so you'll achieve the fastest analog downloads possible

The end result is the fastest data transfer rates you can get and the easiest to use modems you can find.





Description	Courier V.92 56k Business Modem - USR013453B	56k Data Fax Modem - USR015630B
Customer Needs	V.Everything and V.Anywhere modem means your business can get the best possible connection anywhere in the world	External modem for Internet access
Benefits	This modem supports every software standard and every dial-up or leased-line connection available worldwide	The ideal business modem to make the most of your dial-up and leased-line connection
Supports the latest protocols including v92 and v90	٧	V
Compatible with all platforms including Windows 95, 98SE, 2000, NT, XP, 2003, Unix	V	<b>v</b>
Supports synchronous and asynchronous modes	٧	
Connection type	Serial	Serial
Voice software included		
Fax software included	٧	V



Description	56k Message Modem - USR015668B	56k Voice Fax PCI Modem - USR012884B
Customer Needs	An external business modem that also operates as a stand-alone fax and answer machine	Ideal for business users this internal modem uses its on-board processor to manage the V92 connection, allowing your PC to do other things
Benefits	Electronic voice and FAX machine designed to receive and store messages even while your PC is turned off	Affordable V.92 PCI Performance
Supports the latest protocols including v92 and v90	V	V
Compatible with all platforms including Windows 95, 98SE, 2000, NT, XP, 2003, Unix	V	
Can store 30 pages of faxes and voice messages when PC is off	V	
Voice capabilities: can make and receive phone calls	V	✓
Connection Type	Serial	PCI
Voice software included	V	V
Fax software included	V	✓











Description	External 56k USB Faxmodem - USR015633	External 56k Faxmodem - USR015631
Customer Needs	Easy to install serial modem ideal for home users to upgrade to higher speed V92 performance	Easy to install USB serial modem ideal for home users to upgrade to higher speed V92 performance
Benefits	USB powered-No external power supply required. Installs in three simple steps. Quick connect lets you establish your connection faster. Internet Call Notification lets you screen incoming calls so you can take the important ones.	Quick connect lets you establish your connection faster. Internet Call Notification lets you screen incoming calls so you can take the important ones.
Supports the latest protocols including v92 and v90	٧	٧
Plug and Play	٧	V
Fax capabilities	٧	V
Designed for Windows	٧	V
"Fun" blue design		V
Includes Modem on Hold and fax software	٧	V
Connection Type	USB	Serial





Description	Internal 56k PCI Faxmodem - USR015671	
Customer Needs	ideal for home use this internal modem utilises the processing power of your home computer to offer higher speed V92 performance	
Benefits	Quick connect lets you establish your connection faster. Internet Call Notification lets you screen incoming calls so you can take the important ones.	
Supports the latest protocols including v92 and v90	V	
Plug and Play	V	
Fax capabilities	V	
Designed for Windows	V	
Includes Modem on Hold and fax software	V	
Connection Type	PCI	