

6380 Series ADSL/R

Bridged/Routed CPE Family



BENEFITS

- Single endpoint can be utilized for standard ADSL, ADSL2, ADSL2+ services as well as ReachDSL services
- Automatically switches to ReachDSL technology if line conditions do not permit acceptable service using ADSL, ADSL2 or ADSL2+
- Reduces number of truck rolls required to install and maintain services with customer self-install and remote management
- Single modem for bridging and routing needs, defaults to bridge for easy installation
- Provides secure access
- Includes both USB and Ethernet interfaces for flexibility when installing
- Includes multiport Ethernet Router with and without Wireless access

Bringing Broadband to the World

With Paradyne's innovative, easy to use ADSL/R CPE family, service providers can provide ADSL2+ service and/or ReachDSL service in the same unit ensuring coverage to the entire subscriber base.

Future Proofing Your Network

Paradyne's ADSL/R CPE family includes a full line of CPE, all of which include the ability to interoperate with ADSL, ADSL2, ADSL2+ and ReachDSL central office equipment without ever having to change out the CPE.

The ability to support multiple DSL types in a single modem ensures that service providers can send a single modem to the subscriber and it will operate regardless of loop conditions in the outside plant or inside the subscriber's residence or building.

In addition by supporting the latest in DSL technologies service providers can be assured the CPE will support the services they wish to roll out well into the future.

Complete Family of CPE

This unique CPE family includes a combination USB, Ethernet, multiport Ethernet and wireless versions. All of the modem include a full suite of routing functions in addition to bridging and multicast support along with the USB, Ethernet and wireless interfaces. Features such as DHCP, NAT, RIP, PPPoE and PPPoA are included on all versions of the ADSL/R CPE.

The 6381 combination USB/Ethernet modem defaults to bridged mode for simple and quick installation that does not require configuration. However if routing and routing protocols are required it can be easily enabled via the embedded web interface.

The 6382 multiport Ethernet modem and the 6388 multiport Ethernet modem with wireless access incorporate an Ethernet switch rather than a hub and provide versatile solutions for the deployment of residential and business services.

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FEATURES

- Revolutionary combination of standards-based ADSL and ReachDSL on a single platform
- Automatically selects technology with best performance - ADSL, ADSL2, ADSL2+ or ReachDSL 2.2
- Speeds up to 24 Mbps using ADSL2+
- Upstream speeds up to 2.2 Mbps using ReachDSL
- Compatible with all DSLAMs providing standard ADSL, ADSL2, ADSL2+, ReachDSL, or ADSL/R technologies
- Integrated telephone filter
- Bridge and router configurations
- Includes PPPoE and PPPoA clients
- Includes Firewall, PAP and CHAP for security
- DHCP Server/Client or proxy, dynamic and static routing
- Configured through easy to use web interface
- Includes both Ethernet and USB interfaces
- Supports multiport routing and IEEE 802.11b/g

Technical Support Programs

Paradyne offers post-sale technical support programs to make maintaining, growing and upgrading your network easy. Software maintenance, access to online technical help and a fully-staffed technical support center are just a few of the highlights. Please see http://www.paradyne.com/tech_support/index.html for further details.

Ordering Information

ADSL/R Bridged/Routed CPE

6381-A2-200	ADSL/R Bridged/Router CPE, 10/100BaseT, USB, 110VAC
6381-A2-210	ADSL/R Bridged/Router CPE, 10/100BaseT, USB, 110VAC, FCC Part 68
6381-A2-300	ADSL/R Bridged/Router CPE, 10/100BaseT, USB, 220VAC, UK Plug
6381-A2-302	ADSL/R Bridged/Router CPE, 10/100BaseT, USB, 220VAC, Euro Plug
6381-A2-304	ADSL/R Bridged/Router CPE, 10/100BaseT, USB, 160-260VAC, India Plug
6381-A2-600	ADSL/R Bridged/Router CPE, 10/100BaseT, USB, 100VAC, Japan

ADSL/R Bridged/Routed Multiport CPE

6382-A2-200	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 110VAC
6382-A2-210	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 110VAC, FCC Part 68
6382-A2-300	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 220VAC, UK Plug
6382-A2-302	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 220VAC, Euro Plug
6382-A2-304	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 160-260VAC, India Plug
6382-A2-600	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 100VAC, Japan

ADSL/R Bridged/Routed Multiport CPE with Wireless Access

6388-A2-200	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 110VAC
6388-A2-210	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 110VAC, FCC Part 68
6388-A2-300	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 220VAC, UK Plug
6388-A2-302	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 220VAC, Euro Plug
6388-A2-304	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 160-260VAC, India Plug
6388-A2-600	ADSL/R Bridged/Router CPE, 4 10/100BaseT Ports, 100VAC, Japan

SPECIFICATIONS

Transmission Speeds

- Downstream Speeds up to 24 Mbps using ADSL2+
- Upstream speeds up to 2.2 Mbps using ReachDSL

Physical Dimensions and Weight

- 1.2in. H x 6in. W x 4.4in. D
(3.05cm H x 15.24cm W x 11.18cm D)
- Unit Weight: 2.25 lbs (shipping weight)

Environment

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -40°C to 70°C
- Relative Humidity: 5% to 95% non-condensing

Power Options

- 100VAC, 50hz
- 110VAC, 60hz
- 220VAC, 50/60hz

Mechanical Interfaces

- DSL Line: RJ11
- Phone: RJ11 (with integrated phone filter)
- Ethernet: 10/100BaseT, RJ45
- USB 1.1

Wireless Specifications

- IEEE 802.11b/g

Protocol Specifications

- RFC 1483/2684 Multiprotocol Encapsulation over ATM
- PPP over AAL5 (RFC2364)
- PPP over Ethernet (RFC 2516)
- IPv4, TCP, UDP, ICMP, ARP, RARP, proxy-ARP
- Routing Information Protocol (RIPv1, RIPv2)
- Static Routing
- DHCP Server/Client/Relay
- DNS Proxy
- Multicast: IGMP v1,v2 Snooping and Proxy

Bridging

- IEEE 802.1d transparent bridging
- Up to 256 MAC addresses

Security

- NAT
- Firewall
- PPP with PAP/CHAP

ATM

- Up to 8 PVCs – UBR, CBR, VBR
- OAM F5, F4 Loopbacks

Management

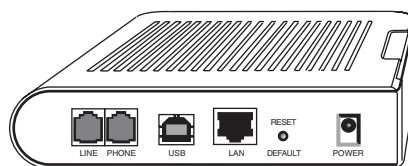
- Web Based User Interface
- Firmware Upgradeable via HTTP

ADSL Standards

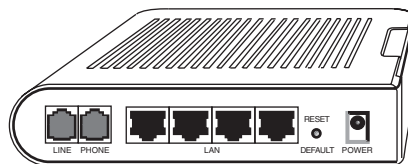
- ANSI T1.413
- ITU G.992.1
- ITU G.992.2
- ITU G.992.3 (ADSL2)
- ITU G.992.5 (ADSL2+)
- ITU G.994.1
- ITU G.997.1

ReachDSL 2.2 Spectral Compliance

- ANSI T1.417
- ANSI T1.413
- UK ANFP
- ETSI TR101 830-1
- Approved for all loops in Japan by the TTC

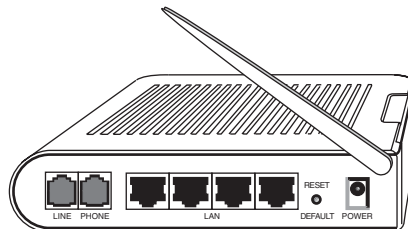


6381 Single Ethernet/
USB Bridge/Router



6382 4 Port Ethernet
Router

*Future



6381 4 Port Ethernet/
Wireless Router

*Future

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For additional information on this or any Paradyne product or service, contact the office nearest you or dial 1.800.727.2396 (USA and Canada) or 1.727.530.8623; fax 1.727.530.8216.

For international locations, visit the Paradyne Web site at <http://www.paradyne.com/buy>

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