

# isdnVigor 204

DrayTek USB-Based ISDN TA

## DrayTek's isdnVigor 204 USB TA, integrated With 4 a/b Ports

### Features and Benefits:

- USB based ISDN TA with 4 POTS ports
- Small PABX function with supplementary services
- Supports Caller ID function on POTS ports
- Windows based Kiosk configuration utility for POTS
- Bandwidth-on-Demand for telephony
- Same as isdnVigor128 for Data/Fax/Voice functions
- The Mac version will be available in March-99

### Specifications :

- **ISDN Port :**  
1 x RJ45 connector for S/T interface
- **User Ports :**  
1 x USB cable for PC, 4 POTS ports for analog devices such as phone, fax, modem, etc.
- **LED indicators :**  
PWR,USB,ISDN,B1,B2,TST,FWD,Phone1,Phone2,Phone3,Phone4
- **Network Interface :**  
Basic Rate Access (2B+D)  
ITU-T I.430  
ITU-T Q.931 and ETSI NET3  
**Bearer Services :**  
3.1 KHz audio, 64k speech, 64k data

#### Line Rate :

64 Kbps on one B channel  
(ISDN data mode)

128 Kbps on two B channels  
(Multilink PPP supported by Dial-Up Networking 1.2)

16 Kbps on D-channel for signaling

- **B Channel Protocols Compatibility :**

X.75  
T.70  
V.110  
V.120  
ISO8208 (Euro File Transfer)  
PPP and Multilink Protocol (MP)  
G3 fax over B-channel  
Voice over B-channel  
Async-to-Sync PPP conversion

- **D Channel Signaling Protocols :**

DSS1(European)  
VN3 (French)  
BT ISDN2e (British)  
NTT (Japanese) \*  
\* To be available soon.

- **USB & Application Program Interfaces :**

Conforms to USB specification version 1.1  
ISDN AT Command set (virtual COM port)  
16/32 bits CAPI 2.0  
Winsock with PPP and Multilink PPP  
NDIS WAN mini-port for Windows 95/98  
Fax : 14.4K G3 Fax sending and receiving



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### Operating System Support :

Microsoft Windows 95 OSR 2.1/2.5  
Microsoft Windows 98  
Microsoft Windows NT 5.0

### Kiosk enhancement :

Configuration utility for POTS  
Caller ID display  
Call logging

### Supplementary services : (ETSI 300 196)

Advice of Charge, Call Conference, Call Waiting,  
Call Hold/Retrieve, Calling Line Identification, Call  
Forwarding, Multiple Subscriber Numbering(MSN),  
Three-Party

### PABX features :

Intercom, Music on Hold, Call Transfer, Call Pickup,  
Call Forwarding, Global Reception, 3-Party  
Conference Call, Feature phone configuration  
by telephone keypad and software utility

### Caller ID for POTS port, 3REN for each POTS port

### Bandwidth-on-Demand\*

\*To be available soon

### Upgradeable Firmware for New Features

### Dimensions (mm) 3.6

### Weights

### Maximum Power :



### Minimum System Requirement:

- Personal computer with a Pentium/90 MHz or higher processor running Microsoft Windows 95 OSR 2.1/2.5 operating system, Windows 98 operating system, Windows NT operating system version 5.0, or later
- Windows 95 needs Dial-Up Networking version 1.2, or later.
- 16 MB of RAM (32MB recommended)
- Hard-disk space required: 5 MB
- 3.5" Floppy-disk drive
- CD-ROM
- VGA or higher-resolution monitor
- Microsoft Mouse or compatible pointing device
- USB port on PC

### Applications :

- Internet/Intranet Access (PPP, PPTP/MP)
- Multimedia Access
- Remote Office Connectivity
- Telecommuting
- Small Office and Home Office Access
- BBS (X.75, T.70, V.120), GSM Data (V.110)



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