

ISDN NTApplus(USB)

APR 2005

Unik-22 (NTApplus USB) with Internet Access, POTS, and Remote Powering/Management

The Most Powerful and Cost-Effective ISDN Solution

Unik-22 supports the analog POTS ports, Internet access, USB and Remote management functions. It provides a complete solution for data and voice communication for SOHO at a minimal equipment investment cost. Its low power consumption can survive at remote powering condition. Remote F/W upgrade and configuration minimize the maintenance expense of telephone companies.

Internet Access

It supports the high speed Internet access by Async-to-Sync PPP (or Multilink PPP) conversion. Bandwidth management schemes are supported. Support USB or RS-232.

Telephone Ports

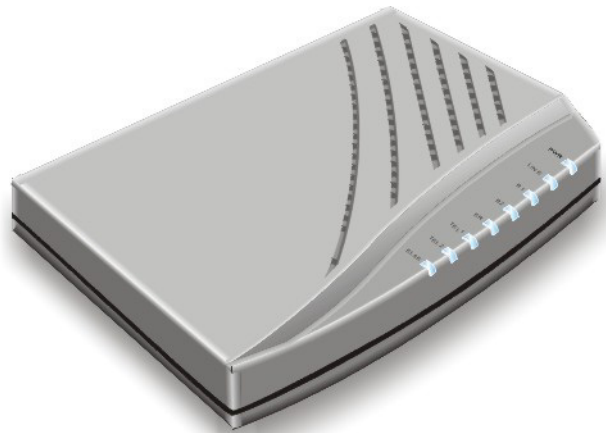
There are 2 analog ports for telephone sets, answering machines, FAX machines or PBX. Advanced features are supported for the analog ports, such as Call Waiting, Hold, Transfer, 3-party conference, and internal calls.

Remote Management

Remote F/W download make it possible to upgrade the service and function. Remote Configuration can also reduce the maintenance expense.

Survival at Line Power

Telephone can operate at line power condition for emergence while local power failure.



Unik-22

SPECIFICATIONS

NETWORK CONNECTION

- ISDN U Interface
- Comply with ETSI ETR 080
- Line Code: 2B1Q, Echo Cancellation
- Switch Compatibility: EURO ISDN DSS1
- Connector: RJ11 (RJ12)

S/T INTERFACE DROP

- Comply with I.430
- Connector: Two, RJ45
- Support Point-to-Point, Short Passive Bus
- Power Source 1: Normal Mode (Max 4 Watts), and Programmable at Remote Power Mode.

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DATA INTERFACE (V.24, USB)

- Connector: DB9, USB Type B
- Compatible with USB Spec 1.1
- RS-232 Data Rate: Up to 230.4 Kbps
- Plug & Play Support
- Dialing Interface: AT Command, DTR Assertion
- Data Protocols: Async-to-Sync PPP and Multilink PPP, V.120, X.75
- Dynamic Bandwidth Allocation (Multilink PPP)
- BACP and BAP (Multilink PPP)
- PAP and CHAP with ISP Server

ANALOG PORTS

- Port Number: 2
- Connector: RJ11 (RJ12)
- Dialing: DTMF (PB) or Pulse
- REN: 2
- Polarity Reversal (Optional)
- Caller ID Type I and Type II Support
- MSN
- Keypad Protocol Support
- Internal Calls
- Selectable Overlap/Enbloc Sending
- Configuration by Tone Command
- Prioritized Port Selection for Incoming Calls
- Supplementary Services: CLIP/CLIR, Call Hold, Waiting, Transfer, 3-party Conference, Forwarding

FIRMWARE UPGRADEABLE

- F/W Upgraded Easily via Data Port
- Loaded by X-Modem, No OS Platform Constrain
- Remote F/W Upgrade

CONFIGURATION

- GUI Configuration S/W Support
- Configuration via Data Port
- Remote Configuration via ISDN Network
- Telephone Sets

G3 FAX (OPTIONAL)

- Compatible with RVS-COM Fax Software
- Work with Group 3 Fax Machines

DISPLAY (LED)

- Power
- Line
- Ports Status (Telephone and Data)
- 128Kbps
- USB

POWER

- AC Input: 100V~240V AC
- Remote Power Feeding
- Power Consumption:
 - < 8 Watts at Fully Operation,
 - < 1.8 Watts for Voice Connection at Remote Power Operation

ENVIRONMENTAL AND SAFETY

- Operation Temperature: 0 ~ 40 °C
- Relative Humidity: 10 ~ 90% Non-condensing
- Comply with CISPR 22
- Comply with IEC 950

PHYSICAL

- Dimension: 178mm (W) x 136mm (D) x 35mm (H)
- Weight: < 700g
- Suitable for Installation on Desktop, Wall-Mount