



	Product Name	Key Feature
	<p style="text-align: center;"><b>UT-682</b></p> <p style="text-align: center;"><b>10/100M TCP/IP to 8 ports RS-232 Serial Device Server</b></p>	

## INTRODUCED

### I. Summary:

UT-682 serial device servers are designed to make your industrial serial devices Internet ready instantly. The compact size of UT-682 device servers makes them the ideal choice for connecting your RS-232 or RS-422/485 serial devices— such as PLCs, meters, and sensors— to an IP-based Ethernet LAN, making it possible for your software to access serial devices anywhere over a local LAN or the Internet. UT-682 serial device servers ensure the compatibility of network software that uses a standard network API (Winsock or BSD Sockets) by providing TCP Server Mode, TCP Client Mode, and UDP Mode. And using UTEK's virtual COM drivers, software that works with COM ports can be set up to work over a TCP/IP network in no time. This excellent feature preserves your software investment and lets you enjoy the benefits of networking your serial devices instantly. UT-682 serial device servers support automatic IP configuration protocols (DHCP, BOOTP) and manual configuration via UTEK's web browser console. Both methods ensure quick and effective installation. UT-682 support special design for PPPoE + DDNS that could let your device to connect to Internet without static IP address.

### TCP/UDP server/client support

The support four types of connection: TCP server, UDP server, TCP client and UDP client, user can select one of types to meet application requirement.

### DHCP Client

DHCP (Dynamic Host Configuration Protocol) client obtains the TCP/IP configuration at start-up from a centralized DHCP server, which means it can get IP address, an IP default gateway and DNS server.

### PPP Over Ethernet

PPPoE is a protocol for connecting remote hosts to the Internet over DSL connection by simulating dial-up connection.

### Dynamic DNS

With dynamic DNS support, you can have a static hostname alias for a dynamic IP address, allowing the host to be more easily accessible from various locations on the Internet.

### Auto-negotiating 10/100Mbps Ethernet

The Ethernet interface automatically detects if it is on a 10 or a 100 Mbps Ethernet.

### Full Network Management via Web

This feature allows you to access or manage device through IE or Netscape on any platform. The firmware also can be upgraded via Web browser.

### Backup and Restore configuration

This feature allows you to backup system configuration to a file and restores it, for the security issue, the file which backup from system is an encryption format.

### IO Controller

The supports 3 DI/3 DO totally; 3 DI with any combination rule can trigger each DO. By providing a smart and easily setup way via Web, user doesn't need to have any programmer background.

### Alarm Generation

With SMTP client support, you can set system to trigger alarm message via e-mail or SMS (Short Message System) to your mobile phone.

### II. Specification:

- Network interface: in line with IEEE 802.3 10/100M interface
- Serial interface: 8-port RS-232 Interface
- Baud rate: 1200-230.4KBPS
- Data flow control: XON/XOFF or RTS/CTS
- Power input: AC100-240V/50~60Hz
- Power consumption: 12W maximum
- Transmission media: twisted-pair or shielded cable
- Service environment: -25°C-70°C, relative humidity 5%-95%

## INFORMATION ORDER

MODEL: UT-682      Serial Device Networking Server  
10/100M TCP/IP to 8 ports RS-232 Converter