

# SERIAL | WIRELESS INTERCONNECT COMMPAK TS1

## SINGLE PORT TERMINAL SERVER



### ETHERNET SERIAL TERMINAL SERVER DELIVERS

Take advantage of your ethernet communications backbone without having to change all the field devices.

The COMMPAK TS1 seamlessly bridges the gap between virtually any Serial device for remote access over Ethernet/IP networks.

Built around ENCOM's field proven communications technology, the COMMPAK TS1 connects directly to any 10/100 Ethernet network and provides a transparent Serial port which can be connected directly to all DTE or DCE devices.

The COMMPAK TS1 provides an Ethernet gateway for communication to RS-232, RS-422, RS-455 devices including all ENCOM 5000 Series radios. This flexibility makes the COMMPAK TS1 the perfect choice for expansion of Ethernet applications.

With ENCOM™, Wireless is Simple!

### FEATURES

- TCP/IP & UDP
- Integrated 10/100 Ethernet Serial Server
- Built-in Web Server
- Up to 115kbps Serial Baud Rate
- Full Duplex Capability
- Virtual Com Port Support
- Password Protected
- DHCP Support
- Low End-to-End Serial Data Latency
- Completely Configurable with Windows™ Operative System
- ControlPAK™ Software included
- DIN Rail Mountable (Optional)



# SERIAL WIRELESS INTERCONNECT COMMPAK TS1

# SPECIFICATIONS

## GENERAL

- INPUT POWER: 5-30 VDC
- TYPICAL CURRENT DRAW < 90MA @ 13.8VDC
- -40°C TO +80°C OPERATING TEMPERATURE
- LED FOR PWR, SERIAL PORT TXD & RXD, LAN PORT LNK & ACT

## SOFTWARE FEATURES

- CONTROLPAK SOFTWARE (INCLUDED) FOR DEVICE DISCOVERY & PROGRAMMING
- FLASH UPGRADEABLE FIRMWARE (VIA CONTROLPAK).
- EMBEDDED WEB SERVER FOR PROGRAMMING
- STATIC IP OR DHCP CLIENT FOR AUTO IP ASSIGNMENT
- SUPPORT TCP SERVER, TCP CLIENT, TCP SERVER & CLIENT, FAST POINT-TO-MULTIPOINT COM PORT MAPPING (UDP)
- SUPPORT VIRTUAL COM PORT SOFTWARE DRIVER FOR WINDOWS XP (OPTIONAL)
- PROGRAMMING TCP / UDP (MULTICAST) ADDRESSES AND PORTS USED FOR REMOTE SERIAL PORTS FAST MAPPING
- PROGRAMMABLE COM PORT TIMING AND PACKET SIZE FOR OPTIMIZATION.

## SERIAL PORT

- NUMBER OF SERIAL PORTS: 1
- CONNECTOR: DB9F
- SOFTWARE SELECTABLE FOR RS-232, RS-422 OR RS-485
- SUPPORT PINS IN RS232: TXD, RXD, RTS, CTS AND DCD
- BAUD RATE: 1200, 2400, 4800, 9600, 19200, 28800, 38400, 57600 AND 115200 BPS
- DATA FORMAT: 8N1, 8N2, 8E1, 8O1, 7E1, 7O1, 7E2 AND 7O2
- HANDSHAKING: NONE OR HARDWARE

## NETWORK PORT

- NUMBER OF LAN PORT: 1
- CONNECTOR: RJ-45
- STANDARD IEEE 802.3
- PHYSICAL LAYER: 10/100BASE-T
- DATA RATE: 10 / 100 MBPS (AUTO-SENSING)
- MODE: FULL OR HALF DUPLEX (AUTO-SENSING)

## DESCRIPTION

### MAIN SPECIFICATIONS

PRODUCT DESCRIPTION  
DEVICE TYPE  
ENCLOSURE TYPE  
DIMENSIONS  
WEIGHT  
DATA LINK PROTOCOL  
NETWORK / TRANSPORT PROTOCOL  
REMOTE MANAGEMENT  
FEATURES

ENCOM TERMINAL SERVER  
TERMINAL SERVER  
EXTERNAL, MILLED ALUMINUM WITH BLACK POWDER COAT  
2.00 IN X 6.5 IN  
12 OZ  
ETHERNET, FAST ETHERNET, RS-232, RS-422, RS-485  
TCP/IP, UDP  
EMBEDDED WEB SERVER AND CONTROLPAK™  
DHCP SUPPORT



\*\*ENCOM reserves the right to make changes to specifications of products described in this data sheet at any time without notice.

7, 640-42 AVENUE NE  
CALGARY, AB CANADA T2E 7J9  
encomwireless.com

P: (403) 230-1122  
F: (403) 276-9575  
encom@encomwireless.com

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LEADING THE WAY IN WIRELESS COMMUNICATION FOR TRAFFIC APPLICATIONS