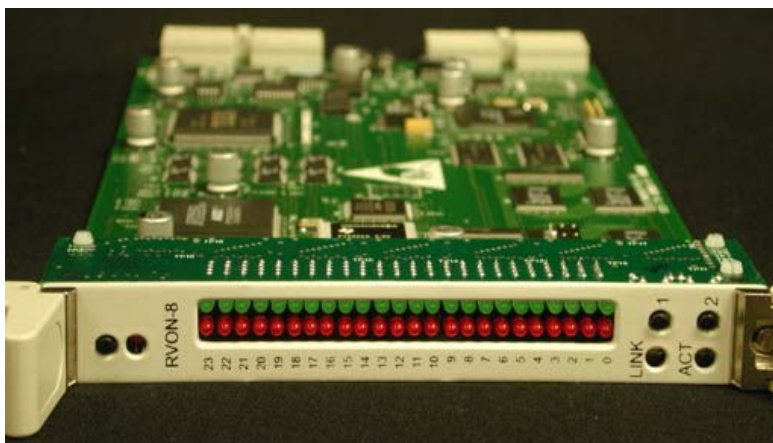


# RTS™

## DIGITAL MATRIX INTERCOM SYSTEMS

### TECHNICAL DATA SHEET



#### DESCRIPTION

Installed directly into the ADAM™ Matrix Intercom Systems, the RVON-8 (RTS Voice Over Network) card expands the connectivity to the ADAM™ Intercom by supporting 8 audio channels( ports) in and out. Each channel has configurable network and bandwidth parameters that can be tailored to individual network functions, as well as ancillary data for keypanels and trunking control.

As with all ADAM™ Intercom family products, the RVON-8 card supports all standard, hot swappable and configurable features through AZ-Edit configuration software.

The RVON-8 card supports both Telex® Intelligent Trunking over IP, as well as support for remote keypanels and virtual keypanels via VOIP

Fully compatible with Internationally recognized standards, the RVON-8 card supports the following protocols.: G.711, G.729AB, G.723 (2 speeds), and G.722.

#### FEATURES

**INSTALLATION:** The RVON-8 card is hot swappable and installs in any available slot in an ADAM™ Intercom System. The card provides a single RJ-45 Ethernet connection for use with a 10 BASE-T or 100 BASE-TX network.

**TRUNK CAPABLE:** The RVON-8 card supports ancillary data control for use with Telex® Intelligent Trunking.

**ETHERNET COMPATIBLE:** Fully ethernet capable. RVON-8 uses standard ethernet protocols and is compatible with 10 BASE-T or 100 BASE-TX Ethernet compliant devices and networks.

**AZ EDIT CONFIGURATIONS:** The user has the ability to adjust the audio quality of the matrix intercom to the available bandwidth on the network.

**ADDRESSING:** Eight individually addressable audio channels. The RVON-8 card can feed simultaneously VOIP (voice over internet protocol) capable key panels as well as various other matrix intercom systems.

## RVON8

### RTS VOICE OVER NETWORK CARD

#### SPECIFICATIONS

	Digital	
Compression	Bit Rate(/sec)	Coding Delay
G.711:	64K	125µs
G.723:	5.3K/6.3K	30ms
G.729AB:	8K	10ms

\*Data Rate Depends on Codec Selection

#### Connections

- RJ-45 Ethernet via backcard
- DB-9 Serial Port via backcard
- High-Density keyed ADAM Compatible Backplane Connector

#### Power :

12.5w / 2.5A at 5 V

#### Physical:

5.687" W x 11.024" L

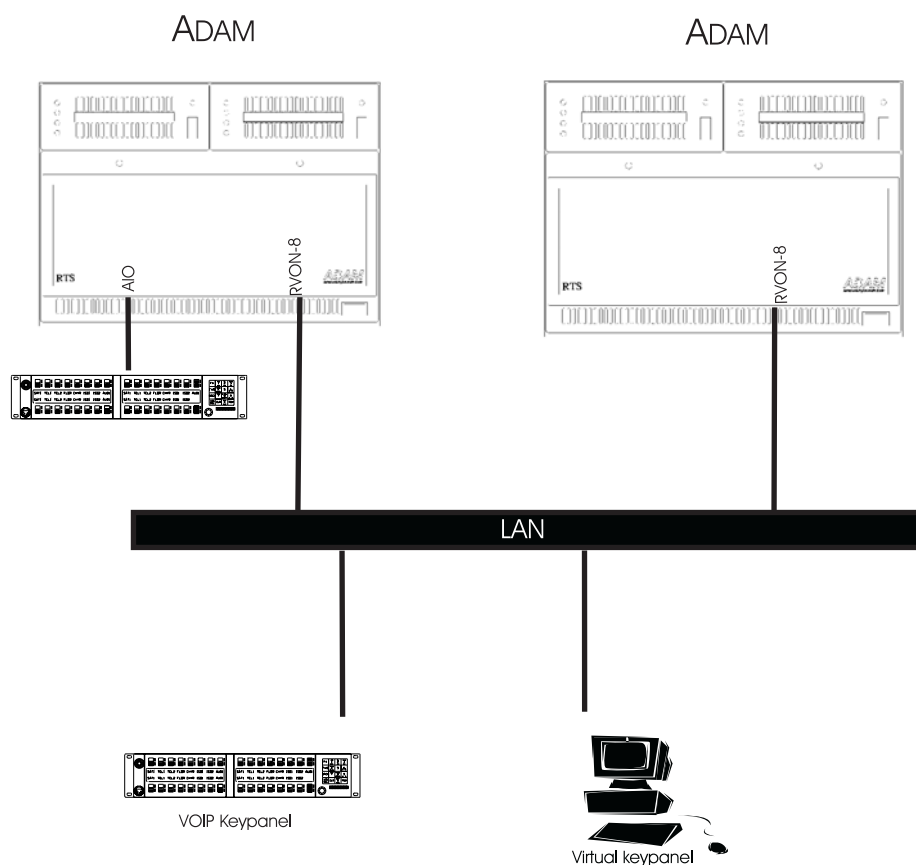
#### ORDER INFORMATION

Model No.	Description	Catalog No.
RVON-8 Card	RTS Voice Over Network Card with 8 audio channels in and out)	9002-7756-000

#### PLEASE CONTACT US

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Tel: (800) 392-3497  
Fax: (800) 323-0498

### SYSTEM DIAGRAM



***Simple RVON-8 card system diagram.***

### WARRANTY

Products are warranted by Telex Communications, Inc. to be free from defects in materials and workmanship for a period of three years from the date of sale.

The sole obligation of Telex during the warranty period is to provide, without charge, parts and labor necessary to remedy covered defects appearing in products returned prepaid to Telex. This warranty does not cover any defect, malfunction or failure caused beyond the control of Telex, including unreasonable or negligent operation, abuse, accident, failure to follow instructions in the manual, defective or improper associated equipment, attempts at modification and repair not authorized by Telex, and shipping damage.

To obtain warranty service, follow the procedures entitled "Procedure for Returns" and "Shipping to Manufacturer for Repair or Adjustment".

This warranty is the sole and exclusive express warranty given with respect to RTS products. It is the responsibility of the user to determine before purchase that this product is suitable for the user's intended purpose.

ANY AND ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

NEITHER TELEX NOR THE DEALER WHO SELLS TELEX PRODUCTS IS LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.