RVON-C

8-Port VoIP via Ethernet Card Kit for Cronus

The RVON-C **VoIP** (Voice over Internet Protocol) card introduces all the VoIP functionality of the RVON-8 for ADAM, to the Cronus intercom system. The RVON-C converts analog audio to digital VoIP audio. Installed directly into Cronus, the RVON-C expands the connectivity to the Cronus intercom system by supporting eight (8) channels in and out. You can have up to four (4) RVON-C cards in Cronus at one time totaling 32 channels of VoIP audio plus data.

Features

- RVON-C uses standard Ethernet protocols and is compatible with 10 BASE-T or 100 BASE-TX Ethernet compliant devices and networks.

- Eight (8) individually addressable audio channels. The RVON-C can feed simultaneously VoIP capable keypanels as well as various other matrix intercom systems.

- The user has the ability to adjust the audio quality of the matrix intercom to the available bandwidth of the network through the AZedit software user interface.

Specifications

Connections
RJ-45 Ethernet via backcard
DB-9 serial port via backcard

Power
Power: 5W typical
Physical: 8.25" W x 6.25" L (20.955cm W x 15.875cm L)

Fully compatible with internationally recognized standards, the RVON-C supports the following protocols: G.711, G.723, and G.729 A & B.
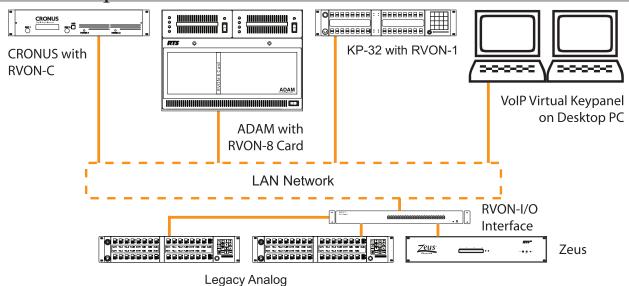
Digital		
Compression	Bit Rate (bpS)	Coding Delay
G.711	64K	125µs
G.723	5.3K/ 6.3K	30ms
G.729 A & B	8K	10ms
*Data rate depends on CODEC selection		

RJ-45 Pin	Function
1	Ethernet TPO +
2	Ethernet TPO -
3	Ethernet TPI +
4	TPO +
5	TPO -
6	Ethernet TPI -
7	TPI +

DB-9 Pin	Function
1	N/A
2	RXD, RVON-C Received Data
3	TXD, RVON-C Received Data
4	N/A
5	GND
6	N/A
7	N/A

System Example

CRONUS with RVON-C

ADAM with RVON-8 Card

KP-32 with RVON-1

VoIP Virtual Keypanel on Desktop PC

LAN Network

RVON-I/O Interface

Zeus

Legacy Analog RTS/McCurdy Keypanels

Order Information

RVON-C • RVON-C Kit • Voice Over IP Card Kit
RVON-C-FRONT • Front Card • RVON-C Front Card
RVON-C-REAR • Back Card • RVON-C Back Card

The specification information is preliminary and is subject to change without notification.
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