OPTIONAL BOARDS

Analog Audio I/O Cards:

Analog audio cards are available for local inputs or outputs in blocks of 4 or in a 2 in/2 out configuration. Highly adjustable for sensitivity and output power. An outstanding design with the maximized flexibility by providing with true 48V phantom power for each card.

Input Audio Board

- 4 Channels of analog audio inputs
- 3 pin Euroblock
- 0, 12, 24, 40, 54dB sensitivity levels
- Signal, RTO, overload indicators
- +48V phantom Power
- -60 to +20dB fiber range for level
- -50 to +20dB overload threshold
- Mute and bypass signal control
- Volume display for each channel
- RoHS compliant

Output Audio Board

- 4 channels of analog audio outputs
- 3 pin Euroblock
- Signal, overload indicators
- -60 to +20dB fiber range for level
- -20 to +20dB overload threshold
- Mute and bypass signal control
- Volume display for each channel
- RoHS compliant

Digital Audio I/O Cards

The digital audio I/O cards allow you to go all the way to digitize, presenting with the maximum sound quality and transmission distance on IDA8 platform. Digital cards enhance a higher capacity of input & output configuration with up to 8 channels in and 8 channels out on a single card.

AES/EBU Card (Mono Input / Output, Stereo Input / Output, Duplex Stereo)

- Mono Input / Output : 4 channels audio input and 4 channels output of digital audio, Stereo Input / Output: 2 Channels audio input (2 x 2) and 2 channels output of digital audio (2 x 2), Duplex Stereo (2 CH for each channel): 4 channels audio input (1,2 CH) and 2 channels outputs of digital audio (3,4 CH)
- 3 pin Euroblock
- RTO / Overload / Signal Indicators
- -20 to + 20 dB for overload threshold
- -60 to + 20 dB fiber range of level
- Level control
- Volume display for each channel
- Mute and bypass control
- Digital transmission can be reach 100 meter
- RoHS compliant

Specialty Cards

How can a multi-project integrate in both PAVA system and conference rooms? By adding the Telephone Card which successfully achieves the teleconferencing capabilities on IDA8 platform.

Telephone Card

Initiate outgoing calls:

- DTMF tone dialing
- Speed-dialing
- Redial
- Flash (3-way telephone conversation)

- Manual or auto answer incoming call
- (optional N times)
- Touch-tone decoding
- Caller ID reception
- Disable Hang up sound / Noise Suppression / Line Echo Cancellation / Voice Enhance signal control
- Continuous Line Status and Fault Monitoring
- Mute and level control for caller voice and ring tone
- Various way to control telephone module:
  - Control signal from logic components
  - External keypad remote controller
  - Software control panel
  - 3rd party command via RS232 or Ethernet
- Extensive customization options and parameters
- RoHS compliant

Ordering Information

Model Number Combination

Main	Optional Segment 1		Optional Segment 2		Optional Segment 3		Optional Segment 4
IDA8C-	Audio Card	+	Phone Card	+	Local Net Card	+	Global Net Card
IDA8CSW-	Audio Card	+	Phone Card	+	Local Net Card	+	Global Net Card
IDA8SAB-	Audio Card	+	Phone Card	+	Local Net Card		N/A
IDA8SABSW-	Audio Card	+	Phone Card	+	Local Net Card		N/A
IDA8S-	Audio Card		N/A	+	Local Net Card		N/A

Audio Card

A	Digital I/O
2A	Digital I/O x2
I	4 Ch. Mic/Line Input
O	4 Ch.Line Output
2I	8 Ch. Mic/Line Input
2O	8 Ch.Line Output

Phone Card

T	Phone Card

Local Net Card

L1	RJ45(A)-(B)
L2	Fiber Optic Multi Mode(A)-RJ45(B)
L2S	Fiber Optic Single Mode(A)-RJ45(B)
L3	Fiber Optic Multi Mode(A)-(B)
L3S	Fiber Optic Single Mode(A)-(B)
L4	RJ45(A)-Fiber Optic Multi Mode(B)
L4S	RJ45(A)-Fiber Optic Single Mode(B)

Global Net Card

G1	RJ45(A)-(B)
G2	Fiber Optic Multi Mode(A)-RJ45(B)
G2S	Fiber Optic Single Mode(A)-RJ45(B)
G3	Fiber Optic Multi Mode(A)-(B)
G3S	Fiber Optic Single Mode(A)-(B)
G4	RJ45(A)-Fiber Optic Multi Mode(B)
G4S	RJ45(A)-Fiber Optic Single Mode(B)

Example 1

IDA8C- 2OL1G3S

2O: 8 Ch. Mic/Line Audio Input

L1: Local Net Card-RJ45(A)-(B)

G3S: Global Net Card-Fiber Optic Single Mode(A)-(B)

Example 2

IDA8SABSW-TL4S

L4S:RJ45(A)-Fiber Optic Single Mode(B)

IDA8 REDUNDANT SWITCHING UNIT

RU-MAIN:

Amplifier Input and Output/PDC

RU-CTL:

Output control/EVAC Input

RU-PDC:

Telephone/PDC/Aduio I/Os

In cooperation with RU devices for redundancy purpose, please refer to our local sales for:

- External DC power calculation for IDA8S
- Special order for IDA8C, IDA8C-SW, IDA8SAB and IDA8SAB-SW

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Delivering Your Message