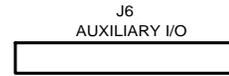
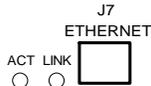
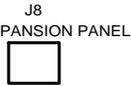
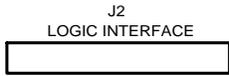


ICM32 REAR PANEL



J1

Function: +12VDC/3.0A Power input
 Connector Type: 3-pin/5mm centers
 RIA CONNECT# 31330103

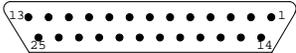


Mating Connector: RIA CONNECT# ASP0450399-3CS

PIN 2: +12VDC
 PINS 1 & 3: GROUND

J2

Function: LOGIC INTERFACE
 Connector Type: DB25 (Female)



Mating Connector: DB25 (Male)

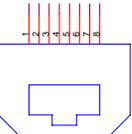
PIN 2: RELAY 1- PIN 8: OPTO 1-
 PIN 3: RELAY 1+ PIN 9: OPTO 1+
 PIN 4: RELAY 2- PIN 10: OPTO 2-
 PIN 5: RELAY 2+ PIN 11: OPTO 2+
 PIN 6: RELAY 3- PIN 12: OPTO 3-
 PIN 7: RELAY 3+ PIN 13: OPTO 3+

PIN 14: RS232 TX
 PIN 15: RS232 RX
 PIN 1: RS232 GROUND

PINS 21, 23, 25: +12VDC
 PINS 16, 17, 18, 19, 20, 22, & 24: GROUND

J3

Function: MAIN I/O
 Connector Type: RJ-45



PIN 1 - AUD_IN_1+
 PIN 2 - AUD_IN_1-
 PIN 3 - AUD_OUT+
 PIN 4 - RS485-
 PIN 5 - RS485+
 PIN 6 - AUD_OUT-
 PIN 7 - AUD_IN_2+
 PIN 8 - AUD_IN_2-

Mating Connector: RJ-45

J4

Function: MICROPHONE
 Connector Type: 3-pin XLR (Female)



PIN 1: MIC GROUND
 PIN 2: MIC IN+
 PIN 3: MIC IN-

Mating Connector: 3-pin XLR (Male)

J5

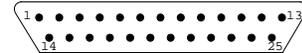
Function: HEADPHONE
 Connector Type: 1/4" TIP-RING-SLEEVE



TIP: HEADPHONE LEFT
 RING: HEADPHONE RIGHT
 SLEEVE: HEADPHONE GROUND

J6

Function: AUXILIARY I/O
 Connector Type: DB25 (Male)



Mating Connector: DB25 (Female)

PIN 1: LINE IN LEFT+ PIN 14: LINE IN RIGHT+
 PIN 2: LINE IN LEFT- PIN 15: LINE IN RIGHT-
 PIN 3: SHIELD PIN 16: SHIELD

PIN 4: LINE OUT LEFT+ PIN 17: LINE OUT RIGHT+
 PIN 5: LINE OUT LEFT- PIN 18: LINE OUT RIGHT-
 PIN 6: SHIELD PIN 19: SHIELD

PIN 20: HEADPHONE LEFT
 PIN 21: HEADPHONE RIGHT
 PIN 22: HEADPHONE GROUND

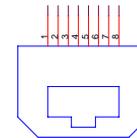
PIN 11: RS485+
 PIN 12: RS485-
 PIN 13: RS485 GROUND

PIN 24: +12VDC
 PINS 9 & 25: GROUND

PINS 7, 8, 10, & 23: NO CONNECT

J7

Function: ETHERNET
 Connector Type: RJ-45



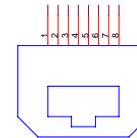
PIN 1 - TX+
 PIN 2 - TX-
 PIN 3 - RX+
 PIN 4 - NO CONNECT
 PIN 5 - NO CONNECT
 PIN 6 - RX-
 PIN 7 - NO CONNECT
 PIN 8 - NO CONNECT

Mating Connector: RJ-45

LED COLOR	FUNCTION	LED COLOR	FUNCTION
OFF	NO ACTIVITY	OFF	NO LINK
GREEN	HALF-DUPLEX	GREEN	10 Mbit LINK
RED	FULL-DUPLEX	RED	100 Mbit LINK

J8 & J14

Function: EXPANSION PANEL (J8) & DATA I/O (J14)
 Connector Type: RJ-45



PIN 1 - RS485+
 PIN 2 - RS485-
 PIN 3 - GROUND
 PIN 4 - +12VDC } Removable from J8 or J14.
 PIN 5 - +12VDC } Factory default: Connected
 PIN 6 - GROUND
 PIN 7 - AUX RS485+ } Removable from J14 only.
 PIN 8 - AUX RS485- } Factory default: Connected

Mating Connector: RJ-45

DS1

Function: CONFIGURATION

SW1 SW2 - Address:
 OFF OFF --> A0
 ON OFF --> A1
 OFF ON --> A2
 ON ON --> A3

SW3
 OFF --> Normal mode
 ON --> Factory diagnostics mode

SW4 - FUTURE USE (Set to OFF)

SW5 SW6 SW7 - NOT USED (Set to OFF)

SW8
 OFF --> Does NOT apply 48V phantom power to Rear Panel Mic
 ON --> Applies 48V phantom power to Rear Panel Mic

Sierra Automated Systems & Engineering Corp.		
Title	ICM32 Rear Panel Connectors (Rev B)	
Size	Document Number	Rev
C		A
Date	Friday, July 18, 2008	Sheet 1 of 1