

RS422

MiniDome (J5)

pin	color	description
1	or	Din+
2	gn	Din-
3	bk	ac
4	rd	gnd
5	wh	ac
6	shield	drain
7	br	Do-
8	yl	Do+

Dual RS422SpeedDome

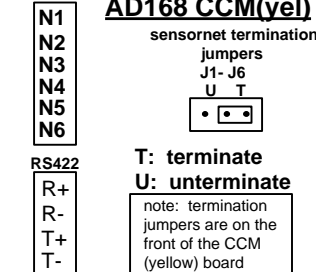
Data/power (P4)	Alarm Input (P3)	Alarm Out (P2)
1 br Do-	1 alarm 1	1 gnd
2 yl Do+	2 gnd	2 out 1
3 bk ac	3 alarm 2	3 out 2
4 rd gnd	4 gnd	3 out 2
5 wh ac	5 alarm 3	4 out 3
6 gn Din-	6 gnd	5 out 4
7 or Din+	7 alarm 4	6 +12VDC
	8 gnd	

Unicard SpeedDome

Data/power (P3)	Alarm Input (P5)	Alarm Out (P7)
1 br Do- Snet (or)	1 alarm 1	1 gnd
2 yl Do+ Snet (yl)	2 alarm 2	2 out 1
3 bk ac	3 alarm 3	3 out 2
4 rd gnd	4 alarm 4	4 out 3
5 wh ac	5 gnd	5 out 4
6 gn Din-	E2&E3 1-2 Snet	6 +12VDC
7 or Din+	2-3 RS422	E1 2-3 Terminate 1-2 Underminate

SensorNet

AD168 CCM(yel)



ULTRA I/O BOARD

Data (P1)	Ac power (P7)	Alarm input (P4)	Alarm Out (P3)
1 or Din+	1 bk ac	1 alarm 4	1 +12VDC
2 gn Din-	2 rd gnd	2 alarm 3	2 +12VDC
3 yl Do+	3 wh ac	3 alarm 2	3 out 1
4 br Do-	JW1	4 alarm 1	4 out 2
5 or Snet	2-3 Terminate	5 gnd	5 out 3
6 yl Snet	1-2 Unterminate	6 gnd	6 out 4
			7 gnd
			8 gnd

RS422 LED indicators
cr34: blink rd
cr35: const gn

JW2 & JW3
1-2 Snet
2-3 Not Used

ULTRA III & up

pigtail (P3)

1 Snet or	1 +12VDC
2 Snet yl	2 alarm out
3 ac bk	3 alarm in
4 gnd rd	4 gnd
5 ac wh	
6 Din+ or	
7 Din- gn	
8 Do+ yl	
9 Do- br	

LEDs Indicator

gn (CR2)-data present
rd (CR3)-software is operating
yl (CR4)-communication
between dome & controller

Access to Ultra menu

Press & hold iris open, then focus far and zoom out

EIM

RS232 DB9 (J1)	SNET/POW (J3)	RJ45 (J2)
2 tx	1 or Snet Hi	1 ac
3 rx	2 wh ac	2 gnd (rs232)
5 gnd	3 rd gnd	3 Snet
	4 bk ac	4 rs232 (rx)
	5 yl Snet Lo	5 rs232 (tx)
		6 Snet
		7 gnd (ac)
		8 ac

E1
1-2 Terminate
2-3 Unterminate

RS422 J-BOX

cinch jones

1 or Do+
2 gn Do-
3 bk ac
4 rd gnd
5 wh ac
6 sh n/a
7 br Din-
8 yl Din+

Dout voltage: 3.5 VDC

aux

1 aux 2 in Lo
2 aux 2 in Hi
3 aux 1 in Lo
4 aux 1 in Hi
5 Data in Lo
6 Data in Hi
7 aux 2 out Lo
8 aux 2 out Hi
9 aux 1 out Lo
10 aux 1 out Hi
11 Data out Lo
12 Data out Hi

Data/Power

1 (p1-p6)
1 or Snet Hi
2 wh ac
3 rd gnd
4 bk ac
5 yl Snet Lo

AC Power (P7) :

28 VAC
4 ac
5 gnd
6 ac

Host/Aux (P8)

1
1 or host
2 yl host
3 or aux
4 yl aux

JW1-dome 1,2,3
JW2-dome 4,5,6
JW3-host
JW4-aux

SNET J-BOX

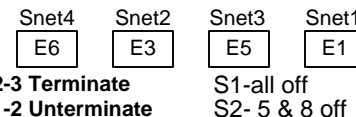
LED indicators

ac pwr: yellow
+5vdc: green
falsecd: red
123: yellow
456: yellow
aux: yellow
host: yellow

1-2 Terminate
2-3 Unterminate

VM96

VM96 Snet Port Termination



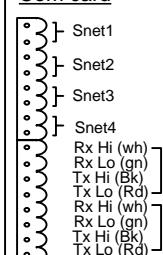
Text Overlay Board

pin 3-4 bypass Text
E1 & E2
1-2 NTSC
2-3 PAL

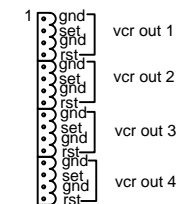
Video Output Board

IRQ 10==> pin 9&10 (JP1&JP3)

Com card



VOB



Ultra I only Special Address Setting

911- Planetary
912- Spur
918- AGC enable
919- AGC disable
920- LL enable
921- LL disable
922- NO alarm contact
923- Alarm NC contact

HOMING:

	GREEN	RED	YELLOW
PLD loading (20 sec)	on	off	off
Homing process	off	blink	on
Look for network*	on	off	on
Online waiting for 1st command**	blink	blink	on

* If the dome remains in this, it cannot locate either the SensorNet, RS422, or Manchester
** The yellow LED remains on until it receives a PTZ movement command, then goes off. Further PTZ commands will cause the LED to blink, otherwise, the LED is off

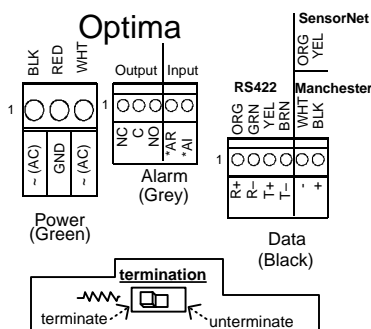
Check RS422

1. Set address to 901

2. Yellow LED : wiring OK

Red flickers & Green blinks: RS422 backward

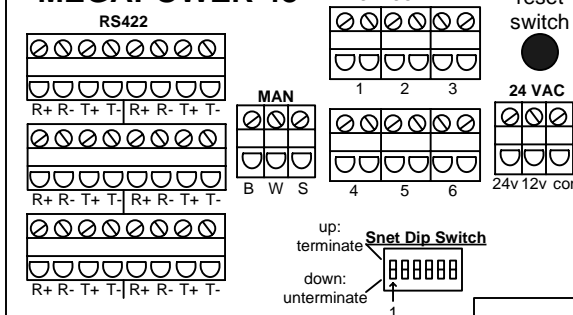
Red blinks, & green flickers: RS422 not connected



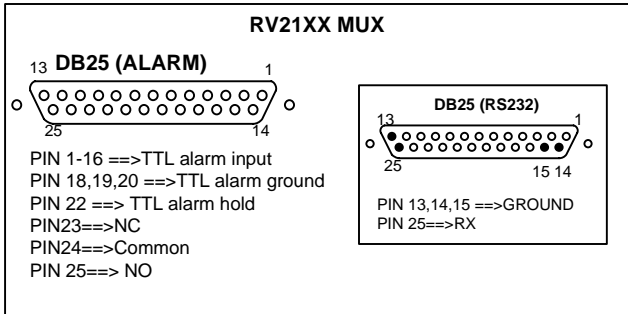
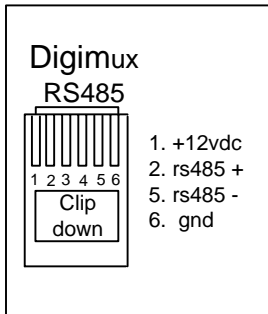
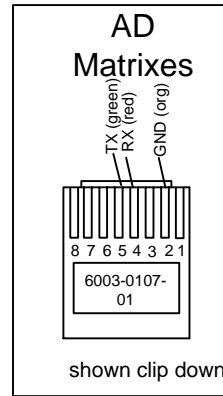
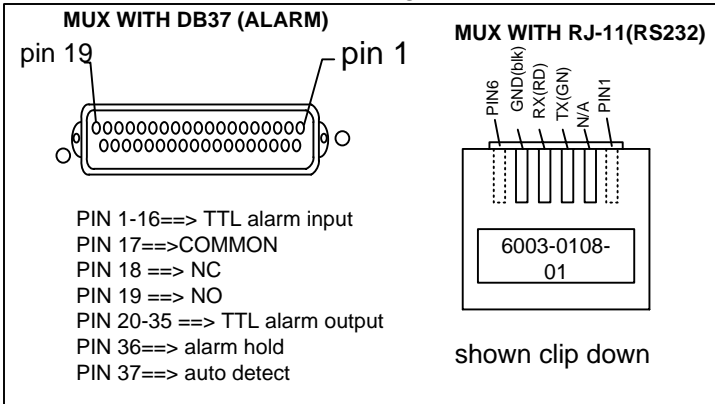
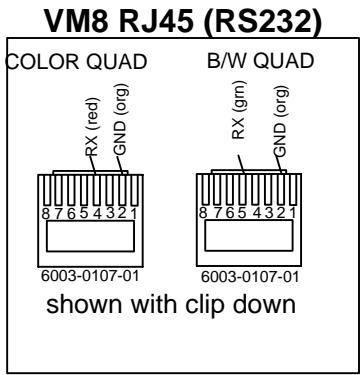
SENSORVISION QUICK REFERENCE WIRING DIAGRAM

revised 5-12-2005

MEGAPOWER 48

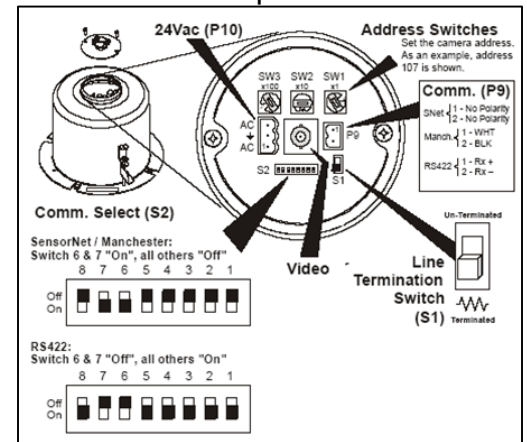


RV22XX MUX



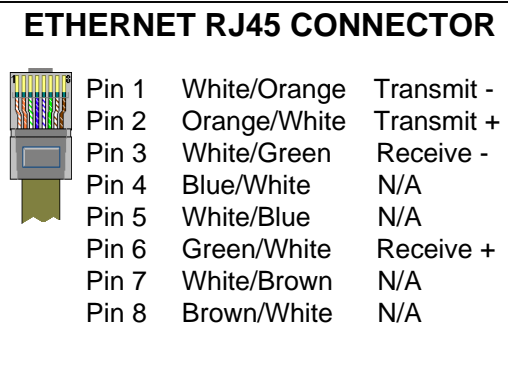
RS422 Data Indicators

green/center flashing red==> good data
 constant green==> tip shorted to ground
 red blinking green==> tip & ring reversed
 blinking red==> ring shorted to ground
 off==> no data



Backdoor Password

VM1- SNSR
 VM16 (v2.01 or higher): 1961
 VM96- SNSR(MMDD)
 VM96 BIOS: SNSR (ALL CAPS)
 Intellex- 1234 or 0911
 exit intellex: 98374252
 BIOS: XELLET
 Network Client bandwidth throttle: 1234
 Sensorlink- SYSTEM
 Ultra II,III,IV,and V: 321
 Quad- 8888
 Posem1- 191157
 Posem plus: 0000 and 331475
 Posem Value- posem or mesop
 Shrink Tracks: LAM or KYRUS
 AD168 and MP48: user#1 & 914365
 ADCC200/300: 1234
 Deltavision DVR: password= none or 1234
 AD168 S3: user: SYSTEM (all caps)
 password: SYSTEMUSER (all caps)
 ADTT: 1963
 ADTTE:1953 or 7296
 Axis video products: user: root
 pass: user must change
 Browser Client 2.0: BrowserClient (case sensitive)
 Quest Mux: 9999
 Raptor: 1961
 RVS4000 Video server: for user: user, user
 for admin: admin, admin0
 dial-in: wcam, wcam
 default dial-in IP: 192.168.10.1
 DigiClient: username: admin user
 password: 1234 4321
 port: 80
 DigiMux: administrator password: 1234
 user password: 1234
 data port: 9099 video port: 9100
 MPLT: admin: 1776 upervisor: 0000
 Excalibur: pass: UltraMax
 Virtual AD keyboard: 6480



Dome address:

422: 1-99
 Sensornet: 1-254
 Manchester: 1-64
 AD UTC: (Ultra 7 v1.05 or higher): 891
 Pelco UTC: 893
 Panasonic UTC: 890
 vicon: 1-99

