

SpeedDome, SpeedDome NP, and SpeedDome LT Installation

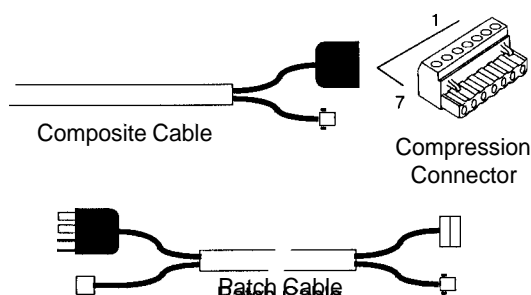
Parts Required:

Description	Qty.	Part No.
BNC connector	1	2111-0035-01
BNC jack	1	2111-0034-01
Nylon cable tie	1	6009-006

SpeedDomes support either RS422 or SensorNet data interfaces. By setting jumper pins on the dome UniCards, you will be able to easily set the type of data interface required for wiring and cabling. Follow the steps below for properly installing an indoor SpeedDome (-01), SpeedDome NP (-02), or SpeedDome LT (-03):

NOTE: For outdoor dome installations, refer to the *Outdoor SpeedDome Installation Instructions* included with the dome environmental housing.

- RS422 Cable Wiring.** Replace the Cinch-Jones connector on the composite cable with a female compression-type connector (PN 2109-0254-06) or use a patch cable (PN 0650-0657-01). Refer to **Table 1**.



SensorNet Cable Wiring. Wire a female compression-type connector (PN 2109-0254-06) to the SensorNet data cable using **Table 2**.

Table 1. RS422

PIN	COL	FXN
1	Brn	Data Out -
2	Ylw	Data Out +
3	Blk	AC In
4	Red	Gnd
5	Wht	AC In
6	Grn	Data In -
7	Org	Data In +

Table 2. SensorNet

PIN	COL	FXN
1	Org	Data -
2	Ylw	Data +
3	Blk	AC In
4	Red	Gnd
5	Wht	AC In
6		Not Used
7		Not Used

- Set jumpers **E2** and **E3** on the UniCard interface board [a] for RS422 or SensorNet cabling using **Table 3**. To locate the jumpers, see the figure on page 2.

The SensorNet interface requires a data line termination at **E1** on the UniCard, depending on the dome positions along the cable. See **Table 4**.

Table 3

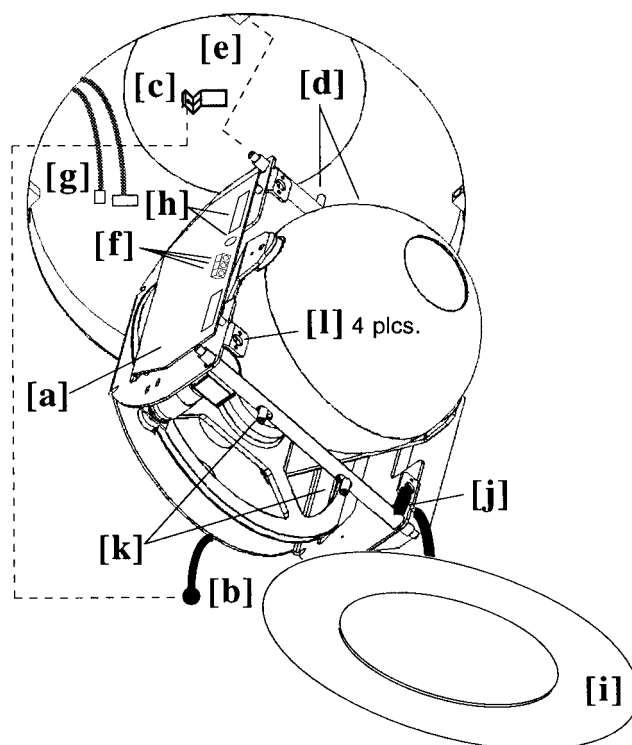
CABLE TYPE	E2	E3
RS422	2-3	2-3
SensorNet *	1-2	1-2

Table 4

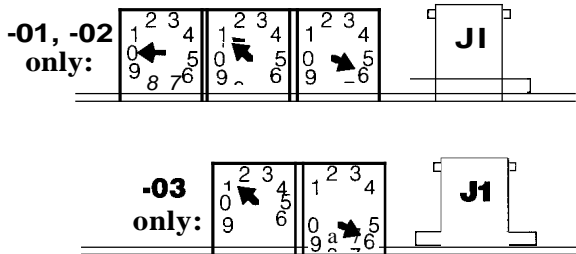
DOMES POSITION	E1
Last (Termination)	2-3
All Others *	1-2

* Factory default setting.

- Snap the ball [b] of the lanyard hanging from the chassis into the bracket [c] at the top of the housing.
- Squeeze the spring-loaded ejector pins [d] together to seat the chassis in the corner receptacles [e]. The PC board must face the cables exiting the access holes in the housing

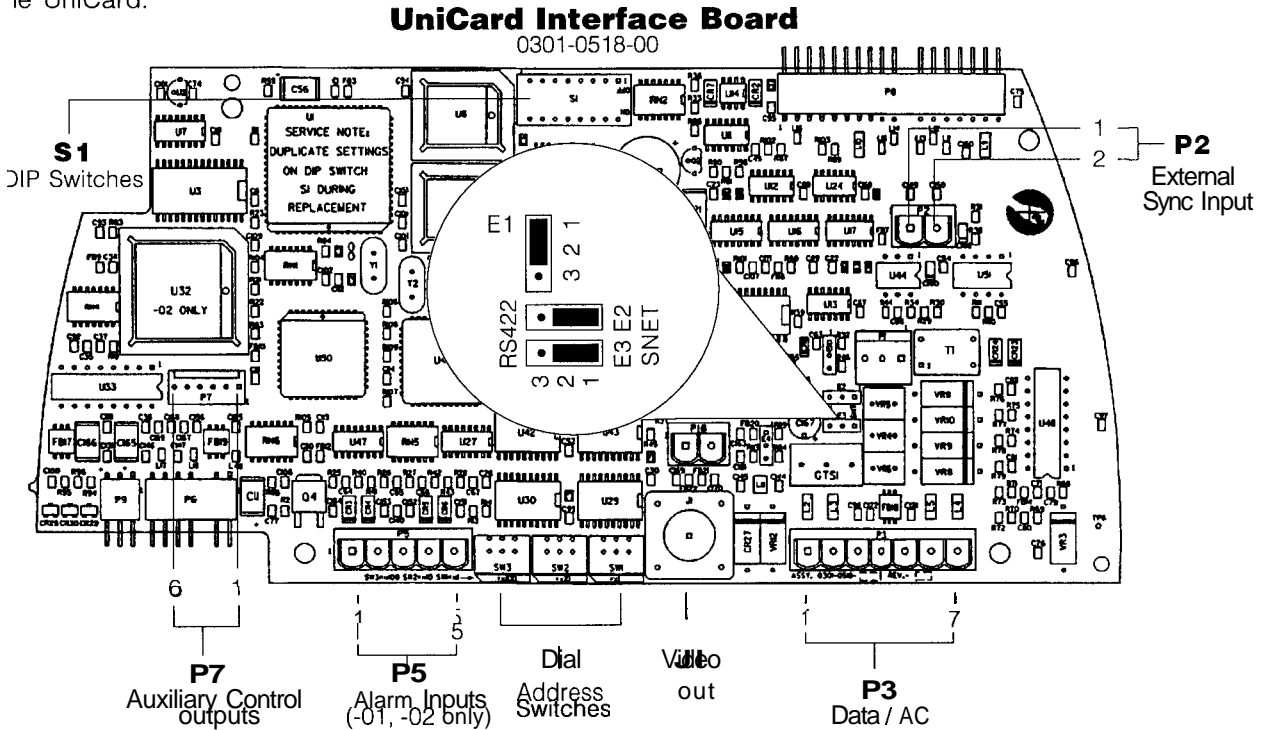


SpeedDome, SpeedDome NP, and SpeedDome LT Installation, *continued*



- Attach the skirt assembly [i] or optional bubble assembly to the chassis by inserting its T-lanyard into a slot [j] on the chassis until both ends catch securely.
- To lock the chassis in the housing, squeeze the spring-loaded ejector pins [k] and swing the chassis all the way up while easing the cables through the access holes. Release these pins into the remaining corner receptacles.
- Snap the four pins or the skirt (or bubble) assembly into the 4 chassis receptacles [l].

the UniCard.



The UniCard provides an External Video Sync Input (P2, mate connector PN 2109-0254-01) to

PIN	FXN
1	External Sync Low Input
2	External Sync High Input

P7 Auxiliary Control Outputs (-01, -02 only)

-01 and -02 only: The UniCard also provides 4 TTL Level Alarm Inputs (P5, mate connector PN 2109-0254-04) and 4 open-collector Auxiliary Control Outputs (P7, mate connector PN 2109-0101-05).

PIN	FXN
1	Alarm 0 Input
2	Alarm 1 Input
3	Alarm 2 Input
4	Alarm 3 Input
5	Digital Ground

PIN	FXN
1	Digital Ground
2	Auxiliary Control Output P0
3	Auxiliary Control Output P1
4	Auxiliary Control Output P2
5	Auxiliary Control Output P3
6	+12 Vdc