# Rx 100 *Interface Receiver*



**Addendum to manual for the following dome: Dynacolor 7720**

**(Software version RX1_D4V2)**

## Application Notes

Variable speed Pan/Tilt.
Zoom/Focus
16 full scene presets
2 preset patrols
4 alarm inputs driving to preset 1 – 4

| Additional Features | Tx1000 | Tx400 | DM Sprite/DSL |
|---|---|---|---|
| Enable 180degree pan flip | '#' WASH | '#' 1 | *889 002 |
| Disable 180degree pan flip | '#' WIPE | '#' 2 | *889 003 |

Return to home: Link J6/pin 4-5 if fitted will cause the dome to return to preset 8 after 5 minutes of inactivity.

Speed select: Two versions of dome protocol are published.  The early version has uses speeds 0 – 8 and the later version has speeds 0 – 14.  Link J6/1-2 when fitted selects the later version and removed the earlier version.  If the dome speed controls are very 'sluggish' then try operation with the link in the other position.

RS485 control of dome. Data rate, 9600 Baud, No parity, 8 Data bits, 1 Stop bits

Connection details:

| Dome | Description | Rx100 |
|---|---|---|
| D- | RS485 Data - | J3/C1 |
| D+ | RS485 Data+ | J3/C2 |

Notes:
*The alarm output relay opens for approx 5 seconds upon power up.  This can be used to signal power loss, etc.*
*Check with the DM multiplexer manual for exact procedure for entering * commands.*

*Dome switch settings:  Set dome address to 1: 8 way switch 1 ON, 2-7 OFF. 4 way switch 1-3 ON, 4 OFF.*