

BBV Rx 100 Interface Receiver

Addendum to manual for the following domes:



**Sensormatic Speeddome
Rx100 Software RX1_S3V2**

(issue 4 97002 pcb only)

Coaxial telemetry ONLY. Not twisted pair!

Application Notes

Variable speed Pan/Tilt.
Zoom/Focus, Autofocus, Iris Open/Close
7 full scene presets
2 preset patrols
4 alarm inputs driving to preset 1 – 4
Pattern 1 define – play using Autopan key

Advanced Features	Tx1000	Tx400	DM DS/DS2/BX2
Start/Stop PATTERN1 Definition (Press AUTOPAN to Run Pattern1)	'#' WASH	'#' 1	*889 002 or *889 10 10 2
Dome Menu	'#' LIGHTS	'#' 4	*889 005 or *889 10 10 5

RS485 control of dome 4800 Baud, No parity, 8 data bits, 2 stop bits.

Dome Cable	Description	Rx100
RS422 IN-/Data In-	Data-(B)	J3/C1
RS422 IN+/Data In+	Data+(A)	J3/C2

Notes:

The alarm output relay opens for approx 5 seconds upon power up. This can be used to signal power loss, etc.

Accessing the dome menus.

Press either '#LIGHTS', '#4' or '*889 005' key strokes to Enter Menu. Use Pan/Tilt/zoom/focus functions are then used to navigate through menu structure. Please refer to individual dome manual for exact operation of menu.

Check with the multiplexer manual for exact procedure for entering * commands.

IMPORTANT:

Dome settings: Select dome address 01 or 001.

Communications must be 4800, N, 8, 2 – RS422, **NOT SensorNet**.

The interface software is based on 1997 protocol and has been tested with Ultradome IV, Ultradome VI and original Speeddome.