

Rx 100 Interface Receiver

Addendum to manual for the following domes:



Mark Mercer

OLD 4 SPEED PROTOCOL

RX1M1V4A – SPECIAL SOFTWARE

Application Notes

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

2 minute datum (park) mode, link selectable as either preset 1 or slow preset patrol.

Advanced Features	Tx1000	Tx400DC	DM Mux
Pan 'U'-turn (180deg flip)	'#' WASH	'#' 1	*889 002

A slow preset patrol can be started by pressing AUTOPAN. The preset dwell is fixed at 20 seconds with a dome speed of 1.

RS485 control of dome using the following connections:

Rx100	Description	Dome	6 pin connector
J3-C1	TX/RX-	RS485 B	Pin 4 (RED)
J3-C2	TX/RX+	RS485 A	Pin 3 (GREEN)

Notes:

The alarm output relay opens for approx 5 seconds upon power up and following a local alarm activation.

Links Function

J6/1-2 Enable 2 minute inactivity datum mode if the link is fitted.
J6/4-5 Select datum operation, fitted = goto preset 1, removed = start slow preset patrol.

Only operational whilst the dome is not running a patrol.

NOTE:

This is a special version of Rx100 software to allow control of OLDER Mark Mercer domes having only 4 speeds. The standard Rx100 Mark Mercer software outputs 6 speeds. If an old 4 speed dome receives speeds 5 or 6 it stops moving causing poor control.