

Rx 100 Interface Receiver

Addendum to manual for the following dome:



Philips AutoDome
(RS232 Version)

(Rx1_P3V1)

Application Notes

Variable speed Pan/Tilt.
Zoom/Focus, Autofocus, Iris Open/Close
16 full scene presets
2 preset patrols
4 alarm inputs driving to preset 1 - 4
Dome AutoPlay record, playback

Advanced Features	Tx1000	Tx400	DM Sprite/Uniplex
Backlight toggle on/off	(Aux 20) '#' WASH	'#' 1	*889 002
AGC toggle on/off	(Aux 43) '#' WIPE	'#' 2	*889 003
Record AutoPlay start/stop	(Aux 100) '#' AUTOPAN	'#' 3	*889 004
Reset dome	'#' LIGHTS	'#' 4	*889 005
(AGC ON, Backlight OFF, Aux 40 dome reset)			

To record an AutoPlay pattern, direct the camera to the required starting position. Hold '#' and tap 'AUTOPAN'. The dome will now record pan/tilt and lens movement upto a time limit. To stop the recording, hold '#' and tap 'AUTOPAN' again. To play the recorded AutoPlay, press the AUTOPAN key only. The dome will repeatedly AutoPlay until either the joystick is moved or an alarm occurs.

(The example shows Tx1000 keystrokes, please substitute the keystroke for the controller used.)

Return to home

PCB Link J6/pin 1-2 if fitted, the dome will return to preset 1 following a period of inactivity.

Line Lock

PCB Link J6/pin 4-5 if fitted selects line locked, and removed XTAL locked camera sync.

RS232 control of dome. Data rate, 9600Baud, No parity, 8 Data bits, 1 Stop bits

Dome	Description	Rx100
RxD	RS232	J3/C3
Gnd	Gnd	J3/GND

Notes:

The alarm output relay opens for approx 2 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.

IMPORTANT:

The dome must be RS232 controllable. BI-PHASE domes cannot be controlled.

Dome settings: Select dome address #1. Communications must be 9600, N, 8, 1.