

BBV Rx 100 *Interface Receiver*

Addendum to manual for the following dome:



JVC TK-C676 combination camera

**Application Notes,
Rx100 software RX1_J2V1.**

The RX 100 provides the following functionality when controlling the above mentioned dome

Variable speed Pan/Tilt.

Zoom/Focus, Autofocus can be enabled/disabled from the dome menu.

16 Full scene presets.

2 preset patrols.

4 alarm inputs driving to preset 1 - 4.

Additional commands:

TK-C676	Tx1000	Tx400DC	DM System Sprite, DS, DS2, BX2
OPEN MENU and BACK	'#' WASH	'#' 1	*889 002 or *889 10 10 2
SET	'#' WIPE	'#' 2	*889 003 or *889 10 10 3
Toggle ExDR	'#' AUTOPAN	'#' 3	*889 004 or *889 10 10 4
Cycle Mono Mode	'#' LIGHTS	'#' 4	*889 005 or *889 10 10 5

RS485 control of dome using the following connections:

Rx100	Description	Dome connection
J3-C1	RX-	CONTROL RX- (D)
J3-C2	RX+	CONTROL RX+ (C)

Notes:

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

Camera switch settings:

MACHINE ID – set both rotary switches to '0'

8 way DIL switch, all OFF apart from 8 which should be ON to enable the RS485 termination, point-to-point, duplex.

On screen display of preset position, HOME P00 - P16 or MANUAL during manual control. The on screen display can be enabled/disabled using dome switch SW3, ON = Display off, OFF = Display on.

J6 links.

J6/1-2: Link fitted across J6/1 and J6/2 (default) to allow the ExDR and MONO mode status to be displayed. Remove this link if you are programming a dome camera title and do not want to display the ExDR and MONO status.

J6/4-5: This link is not used.

DOMES MENU

Pressing #1 twice will display the dome's menu. The joystick is then used to navigate through the dome menu. #2 sends a SET command to the dome and #1 whilst the menu is displayed sends a BACK command.

If the #1 command doesn't work press a focus key before sending #1.

Pressing #1 FOUR times within 2 seconds will display the dome's service menu.

PRESET POSITIONS

The dome has a home preset position which is preset 00.

To enable this preset to be programmed when using the Rx100/JVC676 programming preset 1. BBV Presets 2 – 16 refer to the dome presets 2 – 16.