

BBV Rx 100 Interface Receiver

Addendum to manual for the following domes:



Panasonic WV-CS850 / 860

Software Rx1_P1V7

Application Notes

Variable speed Pan/Tilt.
Zoom/Focus, Autofocus, Iris Open/Close (Hold for auto-iris)
16 full scene presets
2 preset patrols
4 alarm inputs driving to preset 1 – 4
Autopan/Patrol learn-play using autopan key

Advanced Features	Tx400	Tx1000	Tx1500	DM Sprite/DS/DS2/BX2
ENTRY/EXIT Dome Menu	'#' 1	'#' WASH	1 '#'	*889 002 or *889 10 10 2
SET (select menu item)	'#' 2	'#' WIPE	2 '#'	*889 003 or *889 10 10 3
ESC (back to previous menu)	'#' 3	'#' AUTOPAN	3 '#'	*889 004 or *889 10 10 4
SPECIAL2 (for special menus)	'#' 4	'#' LIGHTS	4 '#'	*889 005 or *889 10 10 5

A dome RESET ALL command can be sent by holding either '#'LIGHTS or '#'4 for 5 seconds when not within the menu. Care must be used with this command as the dome is set to default and user settings are erased.

The dome's internal PATROL can be LEARNED using the dome menu. Setting the AUTO PAN KEY to PATROL will allow the patrol to be PLAYED by pressing AUTOPAN on the controller.

RS485 control of dome. Connect dome FCC-68 plug into J7 of Rx100. If the dome cable requires extending, connect cores as follows:

Dome Cable	Description	Rx100
Yellow	Data-	J3/C1
Green	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.

Accessing the dome menus.

Press either '#'WASH , '#'1 or *889 002 key strokes to Enter Menu. Use Pan/Tilt to highlight item. Press either '#'WIPE, '#'2 or *889 003 key strokes to select menu item. '#'WASH , '#'3 or *889 004 is used to ESCAPE back to previous menu. SPECIAL2 menus are accessed using '#'LIGHTS, '#'4 or *889 005. To exit from menu, press either '#'WASH, '#'1 or *889 002.

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

Dome Switch settings: The following procedure must be followed to ensure that the dome is set-up correctly for terminated 4 wire RS485 at 19200 Baud and address 1. Remove the dome from it's base before each step and reconnect to the base after changing the switches.

Step 1: Address switches 2,4 and 5 ON

Step 2: Address switches 1,3,4 and 5 ON

Step 3: Address switches 1 and 8 ON. 4 Way switch 1 ON to select 4 wire, terminated RS485.

Panasonic WV-CSR400/600/650 domes can be controlled using a different version of Rx100 software. Please contact BBV for further information or check out our web site www.bbvcctv.com