



BBV Rx100 & Rx100/24 Samsung SCC-641 Interface

*Addendum to Rx100 manual
(Rx100 software version RX1_S5V1)*

Application Notes

The Rx100 allows control of the following dome features: Variable speed Pan/Tilt, Zoom/Focus/Iris, 16 full scene presets, 2 preset patrols, 4 alarm inputs driving to preset 1 – 4, Dome Pattern 1 playback using the AUTOPAN key, Menu Access

Advanced Features	BBV Tx1000	BBV Tx400	DM Sprite	DS/DSL
Display Menu (Twice)	'#' WASH	'#' 1	*889 002	*889 10 10 2
Turn Menu Off	'#' WIPE	'#' 2	*889 003	*889 10 10 3
ENTER within menu	'#' AUTOPAN	'#' 3	*889 004	*889 10 10 4
Dome FACTORY RESET	'#' LIGHTS	'#' 4	*889 005	*889 10 10 5

RS485 control of dome. Data rate link selectable using J6/1-2. Fitted = 9600,N,8,1 and removed = 19200,N,8,1

Connection details:

Dome	RX100
RX-	J3/C1
RX+	J3/C2

Notes:

J6/pin 1-2 is used to select the baud rate to drive the dome, either 9600 or 19200 baud.

Fitted(Default) = 9600,N,8,1 Removed = 19200,N,8,1(used if experience run on problems with 20mA telemetry)

The dome's SW500 and SW501 switches must be set as follows:

SW500 sets the dome's address to 01. 1 = ON, 2,3,4,5,6,7,8 = OFF

SW501 is used to set the dome's RS485 baud rate, Termination and protocol selection.

For 9600 baud set as follows: 1,2,3,5 = ON 4,6,7,8 = OFF

For 19200 baud set as follows: 1,2,3,4 = ON 5,6,7,8 = OFF

Menu Access when using a BBV Tx1000DC

Display Menu: Press and HOLD # and tap **WASH TWICE** will display the dome's menu.

Use the joystick to navigate the cursor and HOLD # and tap **AUTOPAN** as **ENTER**.

Turn Menu Off: Press and HOLD # and tap **WIPE**

Dome FACTORY RESET: Press and HOLD # and tap **LIGHTS THREE** times to return the dome to factory defaults.

Menu Access when using a BBV Tx400DC

Display Menu: Press and HOLD # and tap 1 **TWICE** will display the dome's menu.

Use the joystick to navigate the cursor and HOLD # and tap 3 as **ENTER**.

Turn Menu Off: Press and HOLD # and tap 2

Dome FACTORY RESET: Press and HOLD # and tap 4 **THREE** times to return the dome to factory defaults.

Menu Access when using DM DS/DSL/DS2

Display Menu: *889 10 10 2 **TWICE** will display the dome's menu.

Use the joystick to navigate the cursor and *889 10 10 4 as **ENTER**.

Turn Menu Off: *889 10 10 3

Dome FACTORY RESET: *889 10 10 5 **THREE** times to return the dome to factory defaults.

CAUTION – READ BEFORE PERFORMING A DOME FACTORY RESET!

USE WITH EXTREME CARE AS ALL THE DOME PROGRAMMING INCLUDING PRESET POSITIONS WILL BE LOST.