

## FEATURES

- *Wireless CCU for Sony, Grass Valley/Thomson, Panasonic, Ikegami & Hitachi RCP*
- *Wireless remote control and configuration of BSI Real Freedom Camera Back Transmitter*
- *Remote control of up to six cameras on one UHF channel*
- *Network different manufacturer RCPs together for transmission over the same UHF channel*
- *Remotely set output power from a BSI Real Freedom Receiver*
- *Simple plug and play installation into the remote receive infrastructure*

## General Description

The Real Freedom Data Transmitter is an important component of BSI's Real Freedom wireless camera system which allows you to remotely control up to six Real Freedom Camera Back Transmitters and to provide camera control of most brands of broadcast camera.

Compact and fully weatherproof, the data transmitter simply connects with a single cable to any remote Real Freedom Downconverter within the Real Freedom camera system. This enables the unit to be placed anywhere without deploying additional infrastructure or cable. Once connected, intelligent connectivity notifies the Real Freedom Receiver of the presence of the data transmitter within the network.

All setup and control functionality on the Real Freedom Data Transmitter is accessed from the intuitive interface on the Real Freedom Receiver or remotely via an IP web page. External system wet and dry tally connectivity is accessible on the rear of the Real Freedom Receiver.

The Real Freedom Data Transmitter provides full wireless camera control functionality when paired with the Real Freedom Receiver, allowing RJ45 IP connectivity with operator/remote control panels. Up to six control panels controlling cameras from differing manufacturers may be networked through a single UHF channel.

The Real Freedom Data Transmitter can be plugged into any Real freedom Downconverter for maximum system flexibility. It is also fully compatible with the BSI Real Freedom Fiber Antenna Extender for long distance remote operation to any receive points in the network.

As the manufacturing source, experienced engineers and field technicians are available to quote you on the product needs. You'll find the best price as our product is manufactured in house.

For details and pricing, contact the Broadcast Sports International representative in your region. For more information about the Real Freedom Data Transmitter, see <https://www.bsintl.com/>.



## Real Freedom Data Transmitter (IDT-4349-3U)

### Specifications

Output Power	250 mW-2 W (selectable from the receiver)
Connector	N (F)
Frequency	430-490 MHz (410-430 MHz optional)
Tuning Step	6.25, 10 & 12.5 KHz
Modulation	GMSK
ACPR	> -60 dBc
Spurious	> -36 dBm (operating) > -57 dBm (standby)

### I/O and Power

Connector	LEMO OK 4-pin CLL. OK.304.CLLP
Data	From downconverter via LEMO I/O
Power	9-36V DC (via LEMO I/O connector)
LED	Red, Green, Alternate Red/Green

### Physical

Size (WxHxD)	(2.95 x 5.47 x 1.14) in (75 x 139 x 29) mm
Weight	0.97 lb. / 0.44 kg
Environmental	Weatherproof to IP67 14° to 131°F / -10° to + 55° C
Mounting	Pole clamp with 1/4" x 20 fitting

## Real Freedom Receiver (IRX-3X12-00)

### Specifications

Camera Control Type	Fully original equipment manufacturer Paint and tally
Manufacturer RCP Support	Sony (including 3D), Panasonic (including 3D), Ikegami, Grass Valley/Thomson, Hitachi
RCP Connector	RJ45 Ethernet LAN
Tally Connector	9-pin D-type (F)
Tally	1x Red, 1x Green
Max Receiver over Data Tx	Up to six Real Freedom Receivers can be IP chained over LAN to one Real Freedom Data Transmitter

### Compliance

ETSI	EN300113 & EN301489
FCC	Parts 15 & 90

**NOTE: Specifications are subject to change without notice.**

