



Balconi Broadcaster

Wireless Camera Mounted Live Streaming Solution



The Difference

- **Wireless Camera Mount < 1Kg**
- **Studio Control of in-field Equipment**
- **Auto Bandwidth Throttle without interrupting Video Stream**
- **Auto Resolution Change without interrupting Video Stream**
- **3G Tower Location, Direction and Signal Strength**
- **iPad Gui Control**
- **All Equipment Rainproof**

Solution Features

- Wireless Camera Mount
- Studio Control of Remote Equipment
- IFB Audio
- Camera Mount - 0.7Kg
- Very Low Power - 12V 24W
- Linux Operating System for reliability
- Single Button Start
- Wireless GUI operation optional
- Bandwidth 128K to 19Mbps
- Video Resolution CIF to 1080i
- Auto Upscale and Auto Downscale
- Latency 0.5 to 7 secs
- Patented ARQ more efficient than FEC
- Closed Loop Automatic Bandwidth Control
- Closed Loop Automatic Resolution Control
- **3G Tower Location and Signal Strength**

Quality Video Contribution over:

- 4G, 3G, ADSL, Satellite, BGAN

The **BALCONI BROADCASTER** is a compact, easily operated system which delivers live Q&A contribution for broadcasters.

It is more than just an encoder, it is a complete solution that is ready to go without the need for a PC for configuration. It is a Linux based system not subject to Windows issues.

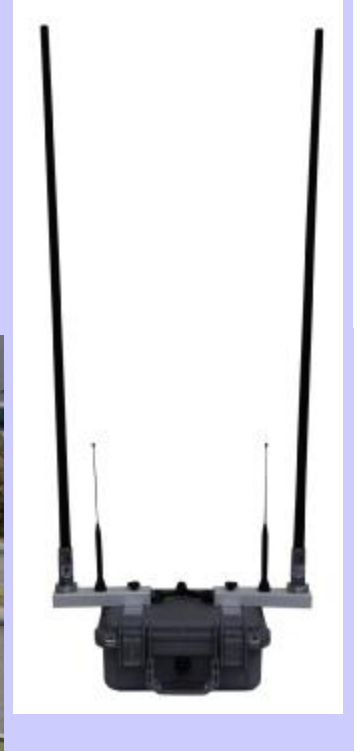
It provides ground breaking Studio control of the remote equipment lessening the workload of the TV crew in the field.

The Balconi closed loop management control dynamically monitors the performance of the link and can change both Bandwidth and Resolution Automatically or Manually without interrupting the video stream.

Unlike most other systems which require the stream to be stopped and started each time there is a bandwidth or resolution change.

Dual 3G Modem Option

Modem	2x3G HSPA
Antenna	2x7.5dBi, 2x5dBi 2x2dBi
Input	12V 24W 4 pin XLR IDX V-Mount
Battery Life	IDX E-10 battery up to 5 hrs
Dimensions	Pelican 1400 Case 330x290x150
Weight	6 Kg
Operating Storage	0 to 50 degrees C -20 to 70 degrees C



Technical Specifications

Remote Uplink

Video Interfaces

Input	1x SDI with embedded Stereo Audio 1x HDMI
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Video Resolutions

Video	1080p60/50 30/25, 720p60/50, 576i, CIF
Encoding	MPEG4-AVC (H.264)
Video Bitrate	128 Kbps to 19 Mbps

Network Interfaces

Type	10/100 Ethernet 1xLAN, 2xWAN 802.11b/g GUI
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GUI

Type	iPAD2
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Camera Mount Wireless Interface

Type	2.4 or 5.8Ghz Range 20 to 100 metres
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IFB

Type	2 wire
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Uplink Connections

Network	4G, 3G, ADSL, Internet, WiFi IP Satellite, BGAN
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Physical and Power

Input	12V 24W 4 pin XLR, IDX V-Mount
Battery Life	IDX E-10 battery, up to 5 hrs
Dimensions	Pelican 1400 Case 330x290x150 (WxHxD)
Weight	6Kg Transit, Camera Mount 0.7Kg
Operating Storage	0 to 50 degrees C -20 to 70 degrees C

Studio Downlink

Video Interfaces

Output	1x SDI embedded Stereo Audio 1x HDMI
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Video Resolutions

Video	1080p60/50 30/25 720p60/50, 576i, CIF
Encoding	MPEG4-AVC (H.264)
Video Bitrate	128 Kbps to 19 Mbps

Network Interfaces

Type	10/100 Ethernet 1xLAN, 1xWAN 802.11b/g GUI
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GUI

Type	iPad2, LAN
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IFB

Type	2 wire
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Downlink Connections

Network	DSL, ADSL, LAN
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4G Modem Pod Option

Modem	Home Gateway Router 6dBi
Antenna	2x6dBi
Input	12V 10W PoE
Dimensions	240 dia. x 260 H with waterproof acrylic case
Weight	1Kg
Operating Storage	0 to 50 degrees C -20 to 70 degrees C



4G Modem Bag Option

Modem	Home Gateway Router 6dBi
Antenna	2x6dBi
Input	12V 10W PoE
Dimensions	260x300x160 (WxHxD) with waterproof canvas case
Weight	1Kg
Operating Storage	0 to 50 degrees C -20 to 70 degrees C



Specifications can change at anytime

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