

Balconi IPSNG Solution

Internet Protocol Satellite News Gathering

- ◆ **Australia Wide Coverage**
- ◆ **No Bookings Required**
- ◆ **Streaming within 2 minutes**
- ◆ **Pay only when streaming**
- ◆ **Always On**
- ◆ **Multiple Remote Sites**
- ◆ **Multiple Studio Sites**
- ◆ **Compact and Lightweight**
- ◆ **Airline Checkable**
- ◆ **Chopper Luggage Fit**
- ◆ **Low Capital Expenditure Cost**
- ◆ **No Backhaul/Infrastructure Costs**
- ◆ **Low Operational Costs**
- ◆ **FTP at 2Mbps**
- ◆ **Wireless Remote LAN**
- ◆ **VOIP for Phone and Talkback**
- ◆ **Internet Access**
- ◆ **AC/DC operation Low Power**
- ◆ **ENG System Replacement**



The **BALCONI IPSNG SOLUTION** is a compact, easily operated system which enables breaking stories to be covered **LIVE from anywhere in Australia**.

The **BALCONI IPSNG SOLUTION** offers a choice of a vehicle mounted system or a lightweight, flyaway dish for remote location.

It starts to **stream LIVE high quality vision within two minutes** of setting up and gives news crews the option of crossing live into a news bulletin or sending files utilising FTP from a laptop editing program.

The revolutionary technology is light enough to be carried on a helicopter or **checked in as standard luggage** on a commercial flight.

No satellite bookings are required... the system is always on... and users only pay for the amount of data sent.

Balconi ATA

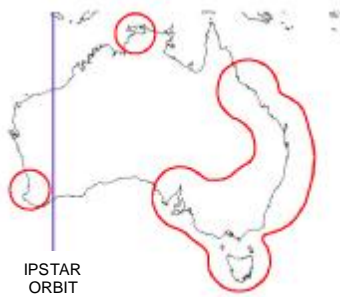


Telecommunication Solutions

Populated Area Coverage

74cm Auto-Deploy Mini Vehicle Mount

- Non Technical Operation
- Fast Auto Deploy
- Satellite Located within 5 minutes
- Video Streaming within 2 minutes
- Auto Stow
- Reaches 90% of Population
- Fits Standard News Wagon



POPULATED AREA COVERAGE



Remote Area Coverage

Balconi Portable 1.0m Flyaway System

- Airline Checkable
- Chopper Luggage Fit
- Ultra-compact Two Box Solution
- Pelican Box with Wheels
- Back Pack with Wheels
- Segmented Dish
- System setup within 10 minutes
- Video Streaming within 2 minutes
- Quick Non Technical Set Up and Operation
- 12V or 240V Operation



REMOTE AREA COVERAGE



Balconi ATA - Anywhere to Anywhere No Rigid Configuration

The Balconi IPSNG solution is an **Anywhere to Anywhere** solution with **\$0 Backhaul/Infrastructure cost**.

There is no Rigid Configuration enabling vision to be sent from **Any Remote Location** to **Any Studio Location** in Australia.

Studio to Studio
Remote to Studio
Studio to Remote
Remote to Remote

IPSTAR Satellite 119.5E

ANY STUDIO
Anywhere
in Australia



LIVE VISION
FTP
STUDIO LAN
VOIP
IFB/TALKBACK

Populated Area Coverage



Mini Vehicle

LIVE VISION
FTP
STUDIO LAN
VOIP
IFB/TALKBACK

Remote Area Coverage



Portable Flyaway

IPSTAR Gateways
Kalgoorlie
Broken Hill



PSTN
INTERNET

Configuration Example



SNG and ENG Comparison

FEATURE	SNG	ENG	BALCONI IPSNG
Uplink Transfer Rate (Mbps)	8.5	8.5	1.25 to 2
Delivery	DVB	Microwave	IP—MPEG4/Metered/H264
QOS	Yes	Yes	Yes
Backhaul Infrastructure	Yes	Yes	Not Required
Live Video Streaming	Yes	Yes	Yes
Multiple Live Locations	No	Limited	Yes
File Transfer, Store and Forward	No	No	Yes
Internet Access	No	No	Yes
Two Way Operation (Full Duplex)	No	No	Yes
Instant On Video Streaming	No	Yes	Yes
Satellite Transponder Availability	Limited	N/A	Unlimited
Always On	No	Yes	Yes
Pay As You Go	Time	Fees	per Mbps
VOIP	No	No	Yes
Coverage (Anywhere to Anywhere)	No	CBD only	Yes
Small Dish (see coverage)	No	Yes	Yes
Weight (Kg)	500	60	50
Power Requirement (Watts)	5000	150	120
Technical Personnel Requirement	Yes	Yes	No
Commercial Airline Checkable	No	N/A	Yes
Chopper Luggage Area Fit	No	Yes	Yes

FINANCIAL (AUD)	SNG	ENG	BALCONI IPSNG
Capital Expenditure	200-500k	100-500k	40-80k
License Costs	>>1,000k	20k	0
Infrastructure Costs	>>100k	>>100k	0
Technical Personnel Overhead	Yes	Yes	No
Remote Site Overhead	Charter	N/A	Commercial Flight Chopper Flight

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