



# Technical Specifications

## AUS/NZ Direct Access Service

Globecast broadcasts our Direct Access programs from their Sydney headquarters via the Optus B3 Satellite. This satellite is positioned above the equator directly north of Brisbane. It provides excellent coverage throughout Australia and New Zealand.

### What equipment is required?

To receive our free to air satellite broadcasts, you need a Ku Band satellite dish and LNB, a Digital Video Broadcast (DVB) receiver and a coaxial cable to connect the LNB to the receiver.

The size of the satellite dish required will vary between 65cm and 1.2m, depending on your locality. The dish and LNB must be securely mounted and precisely aligned. Your equipment installer will advise on the most appropriate dish size and mounting system for your location.

The receiver decodes the satellite signals and provides audio and video signals for your TV. There are many suitable digital MPEG-2 DVB receivers available. Most of these have the features required to receive the Globecast service. Check that the receiver you are buying has a warranty.

### Dish Sizes for Optus B3

Note: These antenna sizes are to be used as a guide only. Please refer to your Satellite Equipment Provider.

New Zealand	65cm – 90cm	Perth	80 - 90cm
Brisbane	90cm	Adelaide	90cm
Sydney	80 - 90cm	Tasmania	90cm
Canberra	80 - 90cm	Nth Queensland	1.2 - 1.8m
Melbourne	80 - 90cm	Darwin	1.2 - 1.8m

### Globecast Downlink Parameters

Satellite:	Optus B3 (156 degrees East) Transponder 2
Frequency:	12336 Mhz (12.336 Ghz)
Symbol Rate:	30.00 ms/s
Polarity:	Vertical
FEC:	2/3

### Globecast Virtual Channel List (Subject to change)

Channel	Name	Video PID	Audio PID	PCR
1	TV Asia (Encrypted Irdeto 2)	1160	1120	1160
2	TV Asia (Encrypted Irdeto 2)	1260	1220	1260
3	TV Asia (Encrypted Irdeto 2)	1360	1320	1360
4	TV Asia (Encrypted Irdeto 2)	1460	1420	1460
5	TRT-INT (Turkey)	1860	1820	1860
6	Trinity Broadcasting Network	1660	1620	1660
7	Not Available	1760	1720	1760
8	Access 1 (Internet)			
9	Not Available			
10	Tzu Chi TV			
11	Future Video			
12	Future Video			
13	Future Video			
14	Globecast Adhoc			

Direct Access broadcasts are on Globecast Adhoc (Channel 14).

NB: Your receiver may be programmed to show this service on another channel number. Your receiver will automatically detect the Video and Audio PID's when it is tuned to Globecast.