



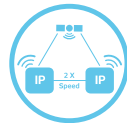
MEDIA

AVIWest

Media Streaming and IP Bonding



Video Streaming



IP Bonding

THURAYA 

About AVIWEST

Cumbersome and expensive DSNG (digital satellite news gathering) trucks are no longer needed to broadcast high-quality live video from any location. Thanks to AVIWEST and Thuraya, media companies can broadcast live, or send store-and-forward video, with lightweight equipment using Thuraya's IP Broadband terminals and network.

AVIWEST has developed an end-to-end digital mobile news gathering (DMNG) solution. It gives media companies optimum flexibility by taking advantage whichever network is most readily available, including Thuraya, 3G and 4G cellular, Wi-Fi and Ethernet. Advanced bonding technology allows the solution to employ two or more networks simultaneously for redundancy and greater throughput of data. Where terrestrial communications are unreliable or unavailable, Thuraya steps in to guarantee a link anywhere within its satellite coverage.

How does it work over Thuraya IP broadband terminals?

To use the solution in the field, broadcasters need an active Thuraya IP broadband terminal and a DMNG PRO Series device from AVIWEST. The top-end DMNG PRO180-RA weighs only 1kg and fits neatly on to the back of a digital camera. Equipped with AVIWEST SafeStream technology and an H.264 video encoder, it sends signals to the Thuraya terminal through dual gigabit Ethernet interfaces. After passing rapidly and securely over Thuraya's reliable IP broadband network, the data is received by the DMNG StreamHub, which decodes and distributes it for live broadcast. The system automatically adapts itself to network performance to obtain the best internet speed possible and offer the best video quality available. An auto-record function allows recording of high-quality video while simultaneously streaming live at lower resolution and bitrate.



Who uses this solution?

Major international and national broadcasters such as Al Jazeera, France 5, TV4 of Sweden and Jamuna TV of Bangladesh use AVIWEST to cover live events and breaking news. The versatile, lightweight equipment, simple but robust system architecture and superb picture quality mean that this cost-effective solution is valued by broadcast professionals worldwide.

Thuraya broadband terminals certified to work with AVIWEST:

Thuraya IP, Thuraya IP+, Thuraya IP Voyager and Thuraya MCD Voyager

Support

For help and support, please contact:

Thuraya: customer.care@thuraya.com

AVIWEST: sales@aviwest.com; support@aviwest.com