



BGAN HDR

High quality live video through an ultra-portable terminal

BGAN HDR provides a set of four, on-demand streaming rates through a highly compact and portable terminal, worldwide. It provides live video at speeds averaging 650kbps on the full channel option, making it the fastest streaming rate service in the world of mobile satellite communications. It also offers access to BGAN features such as Standard IP, voice and text messaging.

In a standard office environment, voice and broadband data are taken for granted, but for journalists, government personnel and other users whose jobs take them away to more remote or volatile locations, accessing the connectivity they need to conduct their daily operations often means a return to unreliable connections, a patchy or congested cellular network or, worse still, no access at all.

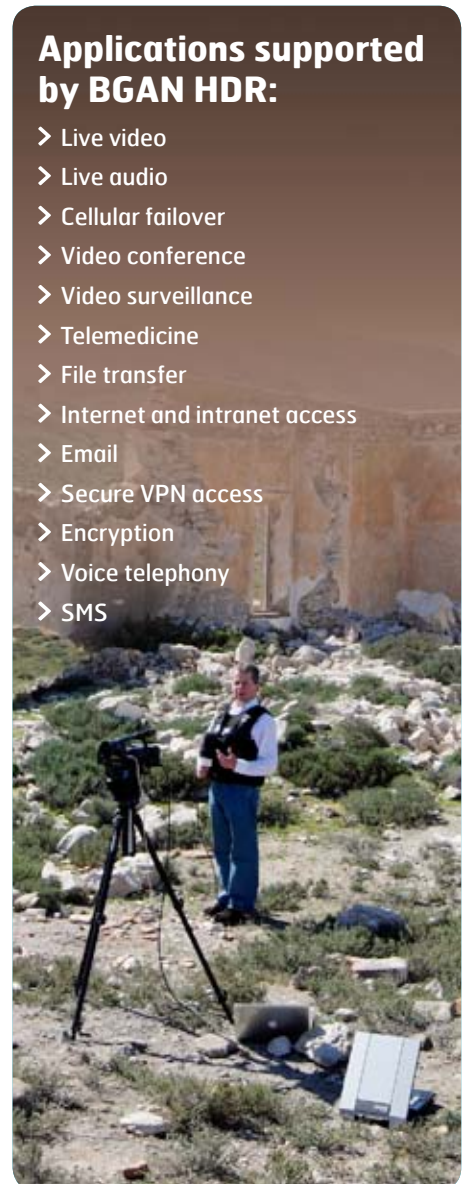
With BGAN HDR, you can take your own voice and broadband data connectivity with you wherever you go and stream live video within minutes arriving at your location. Based on the BGAN service, BGAN HDR provides additional symmetric and asymmetric streaming services. Both full and half channels have been designed to respond to market requirements to provide services with more bandwidth in the transmit direction to create a new benchmark in high-quality live video, through an ultra-portable satellite terminal.

Unlike other on-demand and guaranteed streaming rates in the BGAN portfolio, BGAN HDR offers a range of speeds within each of its channels enabling you to take full advantage of available bandwidth at your specific location. Because of this, there is an additional terminal feature that informs you of throughput once the session is up and running, enabling you to set your codec to the optimum speed, rather than waste bandwidth by setting your codec to a minimum guaranteed speed.

BGAN HDR – powering the connected journalist.

Applications supported by BGAN HDR:

- › Live video
- › Live audio
- › Cellular failover
- › Video conference
- › Video surveillance
- › Telemedicine
- › File transfer
- › Internet and intranet access
- › Email
- › Secure VPN access
- › Encryption
- › Voice telephony
- › SMS



Features

> Asymmetric and symmetric streaming services

Asymmetric streaming is ideal for those who need more throughput from the terminal and a little bit back for usage such as interruptible feedback, meaning you only pay for the bandwidth you really need. The full channel option offers an average speed of between 600-700kbps from the terminal, and 64kbps to the terminal, while half channel asymmetric streaming is available with an average speed of between 300-350kbps from, and 64kbps to the terminal.

Symmetric streaming is ideal for those applications needing the same throughput in both directions. The full channel option delivers an average speed of between 600-700kbps, while the half channel gives an average throughput speed of between 300 and 350kbps.

> Throughput identification

There is a terminal feature that informs users of throughput once the session is up and running, which enables you to set your codec to the optimum speed, rather than waste bandwidth by setting your codec to a minimum guaranteed speed.

> Bonding BGAN HDR

The bonding of two BGAN HDR channels* is possible with two terminals attached via an Ethernet cable, achieving speeds of over 1Mbps, which was previously only available on a low-end VSAT uplink.

> Cellular failover

The enhanced video quality BGAN HDR provides enables it to be used as a cellular failover solution, meaning users can remain on air even if the local cellular network falls over due to congestion or a disaster.

> BGAN HDR terminal

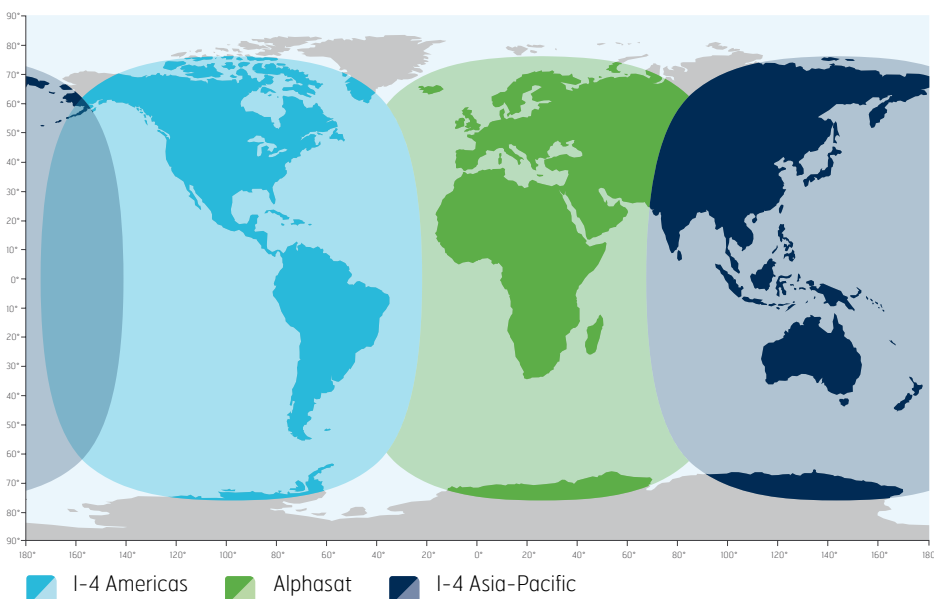
BGAN HDR is accessible via Cobham SATCOM's EXPLORER 710. It is so compact and lightweight that it can easily be placed alongside your laptop in your backpack. You can obtain a streaming connection in minutes and no technical expertise is required to set up. It comes with superior functionality, a multitude of interfaces and is robust enough to withstand challenging environments and extremes of temperature.

> Standard IP, telephony and text

A single Standard IP connection delivers speeds of up to 492kbps over a shared channel, allowing you to access office applications such as email, VPNs, Internet and intranet. In addition, you can make phone calls and send text messages to or from any mobile phone. Voicemail and other standard 3G mobile supplementary services are also available.

*Not available until Cobham SATCOM EXPLORER 710 terminal firmware 1.03 has been released

Land services coverage



The map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions.

inmarsat.com/enterprise

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Benefits

> Seamless global coverage

BGAN HDR is delivered by the award-winning Inmarsat-4 global IP network. It delivers voice, broadband data and streaming connectivity to users wherever they are on the planet, with the exception of the poles.

> Reliable network

Inmarsat's name is synonymous with reliable communications. Our services are delivered via the Inmarsat-4 network, with 99.9 per cent satellite and ground network availability, enabling you to depend on our communications wherever your job takes you. Through our responsibilities in providing maritime safety services, our network operations and control infrastructure incorporates a high level of back-up and redundancy, offering anyone in remote locations around the globe security of communications whenever they are needed.

> Completely secure

Inmarsat has vast experience in providing secure communications to military and government customers. BGAN HDR meets these exacting requirements and supports all major VPN products and encryption standards.

> Flexible

Supporting the latest IP services, as well as traditional circuit-switched voice and data, BGAN and BGAN HDR integrates seamlessly with corporate networks and legacy applications.

How to buy BGAN HDR

BGAN HDR is available through our global network of distribution partners and service providers in more than 190 countries. Visit our website to find the right partner for your organisation.