

# BganHDR

A new standard in live broadcasting



**BGAN HDR (High Data Rate) supports a portfolio of four new streaming rates which look to set a new standard in live broadcasting.**

Its full channel option with its significantly increased streaming rate, will deliver a real step-change in video quality which will revolutionise satellite newsgathering within the media sector. A portfolio of high data streaming rates for broadcasters, media organisations and global governments looking to deliver superior video quality anywhere in the world. It features expected full channel streaming rate of around 650kbps – combined with optimized codecs, you’ll see a real step-change in video quality All new rates will utilize the current Inmarsat-4 network. Half-channel rate means you only pay for what you need.

**Asymmetric** - Much of the time, you don’t need extreme speeds coming back to the terminal if all you want to hear are the questions from the studio. HDR will be asymmetric and you won’t pay for what you don’t need.

**Half-Channel** - Since many don’t require the whole channel, there will be an option to use half the bandwidth.



<p><b>HDR streaming rates</b> BGAN HDR supports a portfolio of four channel streaming rates including symmetric and asymmetric options so you only pay for the data you need.</p>	<p><b>Full channel streaming rate</b> BGAN HDR is expected to deliver a streaming rate of around 650kbps at full channel delivering a step-change in video quality.</p>	<p><b>Built-in Bonding</b> You can double the streaming rates by bonding two terminals together, enabling connection speeds over 1Mbps, which was previously only possible on a VSAT uplink.</p>	<p><b>Cellular failover</b> BGAN HDR can also be used as a dependable back-up solution to cellular bonding.</p>
<p><b>Global coverage</b> BGAN HDR is available across the globe, with the exception of the extreme Polar Regions, providing connectivity wherever your business or operations take you.</p>	<p><b>Reliable network</b> BGAN HDR services are delivered via the Inmarsat-4 network, with 99.9 per cent satellite and ground network availability and an operational lifespan expected into the 2020s.</p>	<p><b>Easy to use</b> No technical expertise or training is needed to set up and use BGAN HDR. The terminal is plug and play, so you can establish a connection within minutes. General applications</p>	<p><b>Time-critical data transfer</b> Video conferencing Live video broadcasting/streaming</p>

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# Cobham Satcom Explorer 710

A new standard in live broadcasting

## Compact and lightweight with enhanced functionality

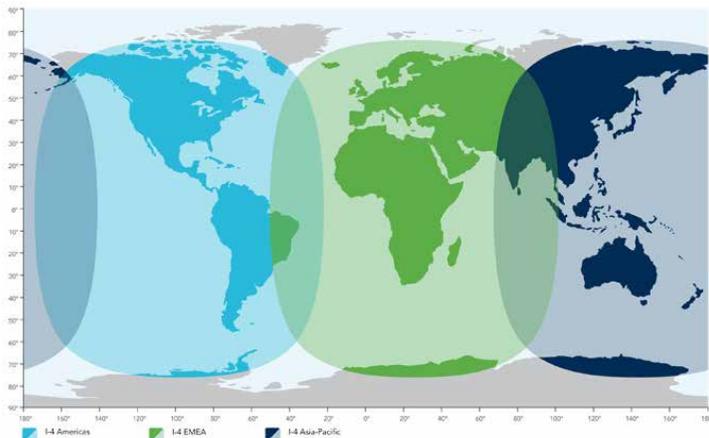
Cobham's compact, lightweight and highly portable EXPLORER 710 is the first terminal capable of accessing the BGAN HDR (High Data Rate) service. It comes with enhanced functionality including a built-in bonding capability and has multiple interfaces to support a wide range of applications.

The EXPLORER 710 is the world's smallest class 1 terminal and is the first capable of accessing the BGAN HDR (high data rate) service. The terminal comes with enhanced functionality including a built-in bonding capability which will double your streaming rates.

One of its new and exciting features will allow users to connect their own Smartphone devices so you can enable data connectivity voice calling. Other features includes a USB host interface, hot-swappable batteries, an easy-to-use LED display and multiple interfaces to support a wide range of applications.



## BGAN HDR COVERAGE MAP



## SPECIFICATIONS

<b>Manufacturer:</b>	Cobham SATCOM
<b>Size:</b>	(W x H x D) 279 x 332 x 52mm
<b>Weight:</b>	3.5kg (incl. battery)
<b>Antenna:</b>	1.9kg, Transceiver: 1.6kg
<b>Standard IP:</b>	Up to 492kbps (send / receive)
<b>Streaming IP:</b>	BGAN HDR supports a portfolio of four channel streaming rates with its full channel option to deliver around 650kbps.
	expected
<b>ISDN:</b>	64kbps via RJ-45
<b>Voice:</b>	Via RJ-11 or 3.1kHz audio
<b>Data interfaces:</b>	Ethernet, USB host interface, transceiver/antenna interface, BGAN SIM card slot, WLAN 802.11b, LAN
<b>Ingress protection:</b>	Transceiver: IP52 / Antenna: IP66

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