



New EXPLORER 8120 (illustration)

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Cobham IBC 2016: EXPLORER 8120 – A New Satcom for News & Outside Broadcast

New 1.2 metre VSAT brings more power, throughput and reliability

IBC 2016, Amsterdam – Cobham SATCOM is expanding its state-of-the-art EXPLORER 8000 family of VSAT antennas with the launch of the all new EXPLORER 8120 at IBC 2016 next week. EXPLORER 8120 is a 1.2 metre

Stabilised, Auto-Acquire, Drive-Away Antenna System, which harnesses the same unique Dynamic Pointing Correction technology and carbon fibre construction introduced with the already available 1 metre model, EXPLORER 8100.

Standard vehicle mounted 'Comms-On-The-Pause' VSAT antennas can lose connection to the satellite with even the slightest movement of the vehicle on its suspension caused by high winds or people getting in and out. Using unique Dynamic Pointing Correction technology inspired by Cobham's maritime stabilised VSAT antennas, EXPLORER 8120 offers the most reliable connectivity available in its class. The system is available in Ku-band configuration and works with most major satellite networks.

In addition to its unique stabilisation technology, the EXPLORER 8120's new, larger reflector dish provides for greater service availability and higher throughput across more of the satellite footprint, ensuring high reliability for live HD transmission from almost anywhere in the world. With 1 & 1.2 metre antenna systems now available with Dynamic Pointing Correction, Cobham SATCOM's broadcast industry customers can choose the antenna size most suited to the size and type of their news gathering vehicles.

The EXPLORER 8000 family expands further with the new 'High Power' 20W Block Up Converter (BUC) option for both the 1 and 1.2 metre antenna systems. This new technology offering integrates perfectly with EXPLORER VSAT technology to deliver seamless, reliable connectivity that enhances the quality and transmission speed and reliability of broadcast footage and data.

The EXPLORER 8000 series is developed to the recognised EXPLORER high standards of design and manufacturing and offers unparalleled Comms-On-The-Pause performance, ensuring high-quality connectivity that is available even when other antennas would have lost their connection to the satellite. In the field, the EXPLORER 8000 series delivers availability of vital communications whatever the conditions, supported further by industry-leading fast satellite acquisition with pointing achieved in less than four minutes, making getting connected to a satellite a quick and easy process.

"We introduced stabilisation technology for vehicle mounted antennas with EXPLORER 8100 last year and are pleased to follow this ground-breaking technology so quickly with a new larger 1.2 metre reflector model and the ability to gain even more throughput and reliability with the new 20W BUC.

These developments support a wide range of applications, but the potential to secure more reliable, high quality transmission of video and audio in addition to data files is ideally suited to the broadcast sector, which is why we chose IBC as the venue to unveil our new technologies,” said Henrik Nørrelykke, VP Land Business, Cobham SATCOM.

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About Cobham SATCOM

Providing dependable communications and internet access anywhere under the most demanding conditions.

Our satellite and radio communication terminals perform in the most challenging and remote environments on land, at sea and in the air.

We design and manufacture these high performance products under the

AVIATOR, EXPLORER, SAILOR and Sea Tel brands providing customers with outstanding performance, value and support through our global sales and service network.

About Cobham

The most important thing we build is trust.

Cobham is a leading global technology and services innovator, respected for providing solutions to the most challenging problems, from deep space to the depths of the ocean.

We employ around 11,000 people on five continents, and have customers and partners in over 100 countries, with market leading positions in: wireless, audio, video and data communications, including satellite communications; defence electronics; air-to-air refuelling; aviation services; life support and mission equipment.