



FireCam OnCall

Primetech launches range of FireCam OnCall helmet and body-worn 4K cameras

Primetech has launched the range of FireCam OnCall heatproof 4K hi-resolution cameras in the UK. The cameras were chosen because they have been specifically designed by firefighters for use within fire and rescue services

The cameras can withstand very high temperatures and provide high resolution 4K, live-streamed secure video imagery and high quality audio. This can be viewed through Primetech's MultiNet Comms system as well as on a unique smartphone app with secure access.

[continues on page 2 ▶](#)

Self Contained Comms Trailer delivered to Ireland

Primetech has released a new and more powerful multi-agency version of the Primetech Resilient Communications Trailer - known as the Self Contained Communications Trailer - that has been created for a consortium of local councils and emergency services based around Dublin in the Republic of Ireland.

[continues on page 3 ▶](#)



In this issue

- FireCam OnCall cameras 2
- Self Contained Communications Trailer delivered to Ireland 3
- EasyTrac mobility mats 4
- Kendal Mountain Rescue introduces MultiNet Satellite System 5
- MultiNet and MultiPod Family 6 - 7
- MultiNet mobile satellite broadband used for maritime monitoring trial 8

▶ continued from front page

Primetech launches range of FireCam OnCall helmet and body-worn 4K cameras



High resolution imagery can be viewed using a custom developed App that allows the image to be accessed securely on smartphones.

Primetech is the sole UK distributor for the FireCam OnCall range of body and helmet-worn 4K video cameras. The cameras have the capability to help Firefighters, Incident and Sector commanders improve the safety of fire personnel as well as contributing to the more effective management of fires and other incidents, delivering live updates of incident conditions throughout all relevant command structures, as well as recording footage for post-incident analysis.

Cameras used on Live Action TV Documentary Series

The cameras are so high spec that HD versions were chosen by an award-winning production company which had a requirement to record broadcast quality footage (onto SD cards) for a live action documentary series that will be shown in the autumn on the TV's Really Channel. The documentary follows firefighters undertaking their various professional roles in West Midlands Fire and Rescue Service. More information can be found on www.wmfs.net/really-lands-first-ever-uk-fire-documentary-series

Through Primetech's MultiNet Comms, Wi-Fi start-up is instantaneous, which enables the live stream to integrate into the MultiNet Comms network with ease. The quality of the video stream is outstanding, with the body-worn version offering infrared recording as standard.



The cameras provide high quality 4K live streamed imagery, without pixellation or image breakup, plus infra-red imagery and are so high spec that HD versions have been used recently to film action footage for a new reality TV series featuring West Midlands Fire Service.

Stand-out features

- The cameras were designed by firefighters for firefighters;
- They are robust, having been designed to cope with very high temperatures;
- Provide high quality 4K live streamed imagery, without pixellation or image breakup, plus infra-red imagery;
- High quality live video and audio can be streamed across incident grounds to Command Support units and other Command Centres through Primetech's unique MultiNet Comms communications system using COFDM MESH Wifi;
- Imagery can also be viewed using a custom developed App that allows the image to be accessed securely on smartphones;
- Images can be viewed by Sector and Incident Commanders and Support Teams to improve safety, situational awareness and to create a Common Operational Picture, within Fire and Rescue Services and across multi-agencies;
- Images can be captured for video and audio, to enable them to be viewed later for a multitude of purposes, including training, incident ground procedures and for coroners' and other legal enquiries.

Ireland takes delivery

Primetech delivers powerful multi-agency Self Contained Communications Trailer to Irish emergency response consortium

The Self Contained Communications Trailer includes a C-COM Ka-75 iNetVu Ka-band mobile satellite broadband system, incident ground WiFi and an 8-metre mast capable of supporting a wide range of different frequencies and radio systems - UHF, VHF, TETRA - plus VoIP, digital television, satellite phones etc. All of these systems, plus a silent running generator, are being housed in a robust, waterproof, long-life co-polymer pod.



▶ continued from front page

The Self Contained Communications Trailer will be fulfilling a requirement in the Eastern Major Emergency Management Region of the Republic of Ireland for a communications trailer that contains a range of high power communications systems to support multi-agency operations.

The trailer includes a C-COM Ka-75 iNetVu Ka-band mobile satellite broadband system, incident ground WiFi and an 8-metre mast capable of supporting a wide range of different frequencies and radio systems - UHF, VHF, TETRA - plus VoIP, digital television, satellite phones etc. All of these systems, plus a silent running generator, are being housed in a robust, waterproof, long-life co-polymer pod (a variation on the Primetech MultiPod) carried on a trailer that can be towed by non-specialist vehicles and drivers, both on- and off-road.

The Trailer has Multi-Agency interoperability built into its DNA

The Self Contained Communications Trailer has multi-agency interoperability built into its DNA. All participating emergency services and local authorities have provided input into its specification and development, and all will be able to use its features and receive its benefits.

The trailer includes a C-COM Ka-75 iNetVu Ka-band mobile satellite broadband system, incident ground WiFi and an 8-metre

mast capable of supporting a wide range of different frequencies and radio systems - UHF, VHF, TETRA - plus VoIP, digital television, satellite phones etc. All of these systems, plus a silent running generator, are being housed in a robust, waterproof, long-life co-polymer pod. Many emergency services are now looking at specifying similar units for their own fleets.



The Self Contained Communications Trailer will be fulfilling a requirement in the Eastern Major Emergency Management Region of the Republic of Ireland for a communications trailer that contains a range of high power communications systems to support multi-agency operations.

Tough, versatile EasyTrac mobility mats added to product range



ABOVE EasyTrac mats are light but extremely tough. There is a wide range of colour options and fluorescent marking, making it much easier for emergency service vehicles to operate over rough and wet ground and in the dark.

LEFT EasyTrac mobility mats provide emergency services with a proven method for improving vehicle access and movement in difficult operating conditions.

BELOW LEFT EasyTrac mats come in a range of sizes and are delivered either flat packed or in rolls of 10/15/20m ready to deploy.

Primetech has added the EasyTrac range of roll-up mobility mats to its product range. This will provide emergency services with a proven method for improving vehicle access and movement in difficult operating conditions. The mats, which can support vehicle weights of up to 16 tonnes and above, have been tested under extremely rugged conditions and with very heavy vehicles.

The mats, which are light in weight, are made of rugged plastic and available in a wide range of customisable colours (including fluorescent mats for night vision). They can be used to help vehicles of all kinds cross muddy, wet or other difficult ground (see the EasyTrac demonstration on You Tube).

The Standard size mat is 1m length x 600mm wide, but the width can be extended up to a maximum of 1m if required at additional cost.



Range of Mat sizes

- Standard (50) Weight of 1m mat - 3.5kg. Max usage 8 tonnes.
- Strong (60) Weight of 1m mat - 4.8kg. Max usage 12 tonnes.
- Extra strong (70) Weight of 1m mat - 5.0kg. Max 16 tonnes.
- Customisable up to 100 tonnes.

There are hundreds of different colours available, which can be mixed according to client requirements, at no extra cost, but there is a minimum order size. Company or organisation logos or names can also be included in mat designs, for an extra charge.

Mats are delivered either flat packed or in rolls of 10/15/20m ready to deploy.

Henry Walker, director of Primetech said: 'We are delighted to be able to offer the EasyTrac range of mobility mats to our extensive product range. These mats will give emergency services the ability to move their vehicles around incident grounds easily in the often-challenging conditions in which they find themselves, such as flooding or water-soaked ground. The mats are light but extremely tough, and with the wide range of colours and fluorescent marking will make it much easier for emergency service vehicles to operate over rough and wet ground.'

Kendal Mountain Rescue Team introduces new Primetech-supplied MultiNet satellite system



Kendal Mountain Rescue Team has acquired a new Primetech-supplied MultiNet satellite system to support its rescue operations in South Cumbria and the Howgills. With a team of around 40 volunteers, and a number of off-road vehicles and other equipment, the team relies heavily on reliable communications to support its life-saving work, often under very challenging conditions.

The addition of the Ka-band portable satellite system is now a key element in the team's operations as it relies heavily on two web-based systems - SARCALL and MRMAP.

According to Phil Allen, a member of the team and radio communications officer, 'Kendal Team's operational patch has several mobile data blackspots, so having the ability to deploy a vehicle with mobile satellite broadband onboard allows the team to operate both SARCALL and MRMAP systems within these blackspot areas.'

'The MultiNet system is very well built, with consideration given to waterproofing and corrosion resistance. We have operated the system in moderate wind conditions with a good stable broadband connection maintained throughout.'

'We have run various training sessions and have developed a pictorial assembly guide that works very well. Setup time is usually about 10 minutes. The system also came with high quality storage cases, so I can only say "Excellent Quality Control of the final product".'

Swaledale Mountain Rescue Team who operate in remote and inaccessible areas of the Yorkshire Dales, where there is limited 4G access, has also invested in a MultiNet mobile satellite broadband system supplied by Primetech.

According to Steve Clough, rescue controller, 'the MultiNet system is an invaluable addition to our operational capability, particularly for a service where often every second counts.'



www.kendalmountainrescue.org.uk
www.swaledalemrt.org.uk



Performance-boosting solutions for the UK Emergency Services

A unique suite of integrated technologies supporting safer, more efficient response by emergency services of all kinds



NEW

FireCam OnCall 4k heat resistant helmet-mounted and body-worn cameras

New, high-resolution (4k) live-streamed video from specialised helmet and body-worn cameras that were designed by firefighters for firefighters. These cameras are so robust and of such high quality that they have been used recently to film broadcast quality footage of West Mids Fire Service firefighters in action for a new reality TV series. Imagery viewable on MultiNet Comms Wifand on secure smartphone app.



MultiNet Comms

Integrated mobile communications

With robust, high capacity Ka-band mobile satellite broadband integrated with COFDM MESH Wifi, plus live-streamed drone and camera imagery, and interoperable communications, all in ruggedised, portable self-contained cases. Primetech can now also offer dual satcomms access to emergency service users, for enhanced communications resilience.



MultiPod Multi-Role, Multi-Capability

Primetech's lightweight, flexible, demountable portable storage system for utility style vehicles gives emergency services a whole new range of lower cost, single and multi-role options for the new era of faster, more effective combined response.



NEW

Communications Trailer Multi-Agency, Self Contained Sat Comms

Satellite communications with the full suite of MultiNet Comms communications solutions including COFDM MESH Wifi, a full range of communications channels and a powerful multi-band radio mast in a highly portable form, with on-board power generation. This particular trailer has been prepared for a multi-agency consortium of emergency response organisations in the Republic of Ireland.



MultiPod COBRA

Versatile, lightweight, affordable

Primetech has transformed the world leading Coldcut™ COBRA extinguishing system into an affordable, self propelled unit, enhanced with the addition of a conventional branch-style misting nozzle. This makes the unit a viable proposition for inclusion in smaller vehicles, flexibly crewed/deployed as a complement to front-line appliances, bringing versatility and enormous potential to buy valuable, 'stop the clock' time, especially in challenging on-call, rural, or hard-to-reach locations.



MultiNet mobile satellite broadband used for maritime pollution monitoring trial

Another recent adoption of a Primetech-installed and supported MultiNet Ka-band mobile satellite broadband system is involved supporting the transfer of drone helicopter-sourced marine imagery and data into the Cloud for an innovative trial project set up to monitor pollution from the vast amounts of shipping moving around European coasts.

The drone helicopter collects pollution emissions data from vessels to check whether cheaper, lower-grade, more polluting fuels are being used. The monitoring team and system can be deployed throughout Europe on very short notice. This is not the first use of Primetech satcomms for environmental monitoring, however - it already supplies a satcomms system to the Met Office for support of its flexible volcanic ash monitoring programme.



For additional information and demonstrations please contact:

Primetech (UK) Ltd
79 Higher Bore Street,
Bodmin, Cornwall PL31 1JT
United Kingdom

henryw@primetech.co.uk
+44 (0) 3453 455 734
www.primetech.co.uk



Primetech has developed a wide range of innovative new approaches for supporting disaster and emergency organisations wanting to improve their incident response. To learn more please visit our website.