AMG & Wavestore

A powerful technology partnership

There can perhaps be no better example of a business partnership between two independent British manufacturers successfully collaborating for the benefit of mutual customers. AMG Systems Ltd and Wavestore individually specialise in providing different key elements of a video surveillance system.

In addition to the highly popular PanoCam360A 5 Megapixel 360 degree camera, AMG Systems Ltd is a highly respected global supplier of a wide range of environmentally robust fibre optic, Ethernet and wireless transmission solutions designed for security and communication projects.

Working closely together, AMG Systems Ltd and Wavestore are able to collectively offer seamlessly integrated remote visual monitoring solutions to enable security professionals to detect and combat criminal and terrorist activity, as well as provide a valuable tool for business managers who are looking to maximise operational efficiency.
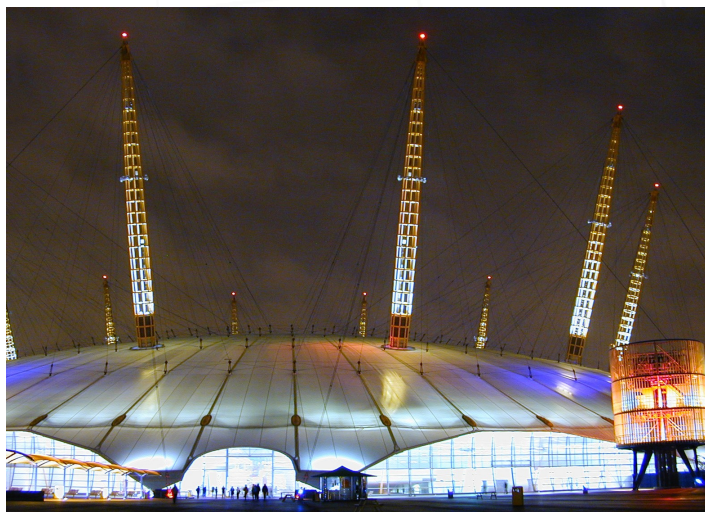
Video capture and transmission

AMG's PanoCam360A 5 Megapixel 360 Degree Camera provides up to fourteen simultaneous panoramic and PTZ video streams which may be recorded or viewed live. The availability of multiple video streams allows each authorised operator to control the camera as if it was their own unique PTZ, without interference to other users. The ability for a single device to be able to continuously record the whole activity over a wide area, in every direction at the same time, is impressive and with no moving parts there is no wear and tear resulting in reduced maintenance costs.

- 10 user-defined zones for Video Motion Detection alarms

- Built-in Video Motion Tracking allows multiple de-warped camera views to track multiple objects

- Alarm in / out

- Wide range of surface of flush mount internal and external housings including a vandal resistant die-cast housing (P360B), low profile housing option available for transport applications

Wavestore video recording and management

The de-warping function provided in the Wavestore video management software (VMS) enables the original 360 degree image captured by a PanoCam360A camera to be recorded, but with specific areas of interest from the entire view dynamically selected and de-warped by each user as required using minimal network bandwidth. The de-warping capability available within the Wavestore client software records the original fisheye images captured by the camera and can simultaneously display multiple linear de-warped images as well as images from other analogue and network cameras in a multi-image display.

" Cost saving and highly effective 360 degree camera technology, transmission and VMS that puts you firmly in control of your video surveillance system "

Innovative video surveillance monitoring

The original images captured by the 360 degree cameras are stored unaltered so that specific video data can be copied and authenticated to be suitable for presentation in a court of law. The combination of 360 degree cameras and the Wavestore VMS software establishes a paradigm shift in video surveillance monitoring, enabling the creation of evidential quality video clips of one or many events from any date or time held in the archive.

- Wavestore's VMS solution is able as standard to record and provide multiple and simultaneous remote viewing options for any number or combination and any number of analogue, IP and 360 degree cameras.

- Wavestore supports the configuration of Pull-Point Notifications for communicating alarm events.

- Wide range of video search facilities options including metadata. This reflects Wavestore's support of a wide range of video analytics and alarm event functions as part of an integrated video surveillance solution.

Transmission

AMG is a leading global provider of ruggedised and bespoke IP communication transmission solutions designed for applications including intelligent traffic management systems on motorway networks; harsh environments i.e. oil & gas/petrochemical, government, public and military & defence, to name just a few.

- Full range of commercial & ruggedised Ethernet transmission products

- Layer 2 / Layer 3 aware functionality, with IGMP & RSTP

- Managed & Unmanaged Switches

- 10/100/1000 Transmission speeds

- POE / POE+

- Multi-Service Ethernet Switch range for Analogue Video & Serial Data transmission alongside Gb Ethernet traffic

For further information, contact AMG Systems at +44 (0)1767 600777 or sales@amgsystems.com or visit www.amgsystems.com

wavestore
Innovation with integrity

Intelligent, integrated video solutions for any application

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