



## Thefts from Boats Prompt New Surveillance System for Yarmouth Harbour from Dahua Technology

**Location**  
Maidenhead, UK

**Industry**  
Transportation

**Products**  
Thermal & IR PoE bullet cameras,  
Ultra PTZs, IR IP Domes & Fisheye Camera



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Dave Rice, Yarmouth Harbour Commissioners

### ▶ BACKGROUND

The previous system was becoming outdated, with poor picture quality and cabling issues. Following a number of thefts from boats and boat fires in neighbouring harbours, a new solution that includes a thermal imaging capability was introduced.



**Dahua Technology UK Limited**  
Maidenhead Office: 3rd Floor, Quantum House, 60 Norden Road,  
Maidenhead, SL6 4AY Leeds Office: Part Ground Floor, Building No. 3  
White Rose Office Park, Leeds, LS11 0DL

Email: sales.uk@dahuatech.com  
Tech Support: support.uk@dahuatech.com  
Marketing: marketing.uk@dahuatech.com  
Contact Tel: +44(0)1628 613500 for UK & Ireland Trade Only

### ▶ SOLUTION

The Dahua cameras are a mix of thermal bullets, IR bullets, Ultra PTZs, IR domes and fisheye cameras. The thermal cameras are especially suited to wide area outdoor video surveillance and are ideal for the large, water-based environment at the harbour. The cameras feature Vox uncooled thermal sensor technology and high thermal sensitivity at less than 40mK, enabling them to capture more image details and temperature fluctuations. With a built-in fire detection functionality, the cameras provide an extremely sensitive fire alarm system.

The IR bullet cameras feature highly efficient H.265 encoding technology, PoE and IR illumination at up to 50 metres, as well as a wide dynamic range, providing vivid images even in the most intense contrast lighting conditions and delivering powerful day/night surveillance in a compact package.

At one of the moorings upriver, there is no power supply on isolated pontoons, so wind power and solar energy have been harnessed to operate the cameras.

Images are transmitted wirelessly back to a control room at the main harbour office. When the control room is not staffed, Yarmouth Harbour can nominate individuals to receive alerts and images on their tablets and smartphones via the Dahua surveillance app.

As well as the harbour itself, the system also covers the adjacent Yarmouth pier, a Grade II listed structure said to be the longest wooden pier in the UK and recently refurbished.

Automatic people-counting technology has been incorporated into the cameras at the pier’s entrance to monitor numbers on the pier as a health and safety measure.



### ▶ RESULT

“The new surveillance system has transformed our ability to monitor the harbour for the safety and security of our customers, staff and the visiting public,” said Dave Rice of Yarmouth Harbour Commissioners. “The HD picture quality is superb and you can pick out people’s faces, so there is no comparison with the previous cameras. The system has proved straightforward to use and we are delighted with its performance to date.”

“This proved an interesting project to work on, not least because parts of the installation had to be carried out by boat,” said Chris Snell, managing director of security installation firm, Central Southern Security. “The Dahua equipment has been a pleasure to work with and will provide Yarmouth Harbour with a great solution for many years to come.”

\* Design and specifications are subject to change without notice.

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## DAHUA TECHNOLOGY

No.1199 Bin’an Road, Binjiang District, Hangzhou, China. 310053  
Tel: +86-571-87688883 Fax: +86-571-87688815  
Email: overseas@dahuatech.com  
www.dahuasecurity.com

