



## Forward Facing Surveillance

# eyeTrain™

...forward facing

eyeTrain forward facing provides a driver-eye view of the leading and trailing track and infrastructure, minimising any potential disruption to the Train Operator and Network.

The eyeTrain range offers digital (IP) technology matched to the harsh environment of rolling stock applications, providing the highest performance and resilience on the market.

petards

High Definition Train Surveillance

## Forward Facing Benefits



Images recorded from the leading and trailing cabs provide assistance in the investigation of operational incidents including:

- Signal Passed at Danger (SPADs)
- Provides a confirmation of the signal position that the driver has observed
- Suicides and other fatalities
- Provides the evidence for railway operations to resume quickly
- Near misses (workforce)
- Trespass, graffiti, stone throwing
- Vegetation surveys
- Trackside Litter
- Equipment and materials left by the track
- Images can be used to confirm track works

## Megapixel Digital Imaging

The eyeTrain images are captured direct from the CCD sensor, encoded digitally within the camera, and then transmitted to the DVR via an Ethernet link.

Megapixel camera technology provides stunning High Definition images in progressive scan 2048x1536 pixels (4:3 aspect) or 1920x1080 pixels (16:9 aspect).

**In cases where the train is stopped, footage is available immediately at the scene using the ReView application**

## Review footage on-train

In cases where the train is stopped, footage is available immediately and may be browsed and replayed at the scene using the ReView application. CDs or DVDs of the incident can be burned (in a secure format) whilst on the vehicle, allowing the train to return to service with minimal delay.

Recorded data may be accessed and reviewed by the operating company and/or shared with 3rd parties such as the Transport Police, Network Rail, HMRI or other stakeholders.

## Ethernet System Architecture

Ethernet connectivity and IP protocols ensure secure and reliable operation. Forward Facing may be provided as a standalone system with local recording, or as part of your complete eyeTrain CCTV system.



UK Office  
390 Princesway  
Team Valley  
Gateshead  
Tyne and Wear  
NE11 0TU  
Tel. +44 (0) 191 420 3000

[www.petards.com](http://www.petards.com) [sales@petards.com](mailto:sales@petards.com)

US Office  
The Natty Boh Tower  
3600 O'Donnell Street  
Suite 250  
Baltimore, MD 21224  
Tel. +001 410 327 3001

**eyeTrain™**  
... forward facing