

AutoEye Xpert

Vehicle Video Systems



Improve road safety, reduce litigation costs, reduce vehicle down-time and enhance driver awareness

The Standby RSG AutoEye Xpert range offers a variety of mobile CCTV solutions that are used in various applications, including emergency services, rescue vehicles, and commercial vehicles. These solutions are designed with a modular approach, allowing for customization based on individual requirements while minimizing waste costs.

One of the key features of the AutoEye Xpert range is its scalability. The systems are available in configurations ranging from 1 to 16 channels, allowing users to choose the appropriate number of cameras based on their specific needs. This flexibility ensures that the system can be tailored to different vehicle types and operational requirements.

The range also includes options for 4G live video streaming, which enables real-time monitoring and remote access to the CCTV footage. This feature is particularly valuable for emergency service providers who require immediate access to video feeds for situational awareness and decision-making.

Secure storage is another important aspect of the AutoEye Xpert range. The systems offer reliable and encrypted storage solutions to ensure the integrity and confidentiality of the recorded video data. This is crucial for maintaining evidential quality and protecting sensitive information.

Additionally, the range supports WiFi data transfer, allowing for efficient and wireless transfer of video footage to central command centres or other authorized locations. This capability facilitates seamless data sharing and analysis, enhancing the overall effectiveness of the system.

Lastly, the range is known for its ability to capture high-definition images. This ensures clear and detailed video footage, which is essential for identification, investigation, and post-event analysis purposes.

Overall, the Standby RSG AutoEye Xpert range provides reliable, high-quality mobile CCTV solutions that cater to the needs of fire, police, ambulance, and commercial users.

MULTICHANNEL RECORDERS

AEX-ST-DVR-M14W

5 Channel (1 x IP + 4 x AHD) Twin SD Card Recorder

The Autoeye Xpert Pro Series 5 Channel (1 x IP + 4 x AHD) Twin SD Card Hard Drive Recorder provides powerful monitoring functions.

- Connects 4 x AHD cameras and 1 x IP (PON) camera
- Up to 1080p resolution of H.264/H.265 encoding for each camera channel
- One CVBS video output interface
- 2 x SD card slots with up to 256GB of storage per slot (512GB total max storage)
- Wireless functions include 4G module and Wi-Fi module providing flexible data transmission solutions for live streaming and downloads
- Built-in GPS (Global Positioning System) module for measuring vehicle speed, location and route travelled



AEX-ST-DVR-X14W1

5 Channel (1 x IP + 4 x AHD) Hard Drive Recorder

The Autoeye Xpert Pro Series 5 Channel (1 x IP + 4 x AHD) Hard Drive Recorder provides powerful monitoring functions.

- Connects 4 x AHD cameras and 1 x IP (PON) camera
- Up to 1080p resolution of H.264/H.265 encoding for each camera channel
- One CVBS video output interface
- 1 x 1TB hard drive installed (supports up to 2TB of SATA HDD or SSD)
- Wireless functions include 4G module and Wi-Fi module providing flexible data transmission solutions for live streaming and downloads
- Built-in GPS (Global Positioning System) module for measuring vehicle speed, location and route travelled



AEX-ST-DVR-X31

8 Channel (4 x AHD + 4 x IP) Hard Drive Recorder

The Autoeye Xpert Pro Series 8 Channel (4 x AHD + 4 x IP) Hard Drive Recorder provides powerful monitoring functions.

- Connects 4 x AHD cameras and 1 x IP (PON) camera
- Up to 1080p resolution of H.264/H.265 encoding for each camera channel
- One CVBS video output interface
- One VGA video output interface with up to 1080p resolution
- 1 x 2.5" HDD/SSD up to 2TB, with built-in shock and vibration protection
- On-board SD card data backup/mirror for enhanced data security
- Wireless options include 3G/4G module and Wi-Fi module



AEX-ST-DVR-X54W2

12 Channel (8 x AHD + 4 x IP) Hard Drive Recorder

The Autoeye Xpert Pro Series 12 Channel (8 x AHD + 4 x IP) Hard Drive Recorder provides powerful monitoring functions.

- Connects 8 x AHD cameras interfaces and 4 x IP (PON) cameras
- Up to 1080p resolution of H.264/H.265 encoding for each camera channel
- One CVBS video output interface
- One VGA video output interface with up to 1080p resolution
- 1 x 2.5" HDD/SSD up to 2TB, with built-in shock and vibration protection
- On-board SD card data backup/mirror for enhanced data security
- Wireless options include 3G/4G module and Wi-Fi module



CAMERAS

AEX-ST-VMC-CA2FA

AHD Forward Facing Camera with Audio

The Standby RSG AEX-ST-VMC-C2FA/CA2FA camera is designed for mounting on front or rear windscreens.

It features a robust steel housing, and has a wide angled lens which can capture 3 lanes of highway plus on-coming traffic. The 1080P high definition output signal uses AHD for full compatibility with our DVR's. The high sensitivity camera sensor operates down to 0.05 lux without any additional lighting required, and with headlights this produces great colour images even at night. A standard 4-pin aviation connector ensures compatibility with our extensive range of camera extender cables.



AEX-ST-VMC-C39S

External 1080P Mini Side View Camera

The AEX-ST-VMC-C39S camera is designed for external mounting on the side of vehicles, typically around the wings, fenders, over wheel arches etc.

It is a PON network camera which connects to the AutoEye Xpert Pro Series of digital video recording units. The camera provides 1080P resolution at up to 30 frames per second, and includes infra red LED's for illumination in dark or low-light conditions. It is extremely robust with an IP69K rating for ingress and impact protection. It is ideal for vehicles such as HGV's and vans, but is small enough to also find use on pickup trucks and smaller vehicles.



AEX-ST-VMC-NAR

AHD Number Plate Camera with IR

The Standby RSG AEX-ST-VMC-NAR is a rear view camera designed for mounting adjacent to a vehicle registration plate or tailgate door handle.

It features a 1080P AHD output on 4-pin aviation connector for use with our AutoEye Xpert Pro Series of DVR's. The camera is extremely robust with IP69K housing. The viewing angle offers an extremely wide field of view at 178 degrees wide, and the housing offers easy adjustment up and down to obtain the perfect viewing experience. Built in infra red LED's illuminate up to 5 metres distance in low light conditions.



AEX-ST-VMC-C251

PON Internal Camera with IR & Audio

The AEX-ST-VMC-C251 mini dome IP camera is ideally suited for capturing detailed images in confined areas such as Police cell vans, buses, personnel carriers etc.

It is extremely robust with IP69K housing, and produces a 1080P output via a 6-pin PON interface for our Pro Series of digital video recorders. The camera includes an audio microphone tuned for speech and designed to reject low frequency vibration and engine noise. It has infra-red LED's for viewing in low light conditions and a wide angle lens ideal for capturing detail in small cells.



MONITORS

AEX-ST-TSD-CP4

Dash Mounted 7" Colour LCD Touch Screen Monitor

AutoEye Xpert Pro Series dash mounted, 7" Colour LCD Touch Screen monitor with backlit function buttons.

A 7 inch touch screen display that allows single or multi-camera views and playback of recorded footage with tap/point/drag gestures and backlit buttons allow for easy tactile use in dark conditions. Built-in speakers allow playback of audio events and supports VOIP messaging from optional cloud hosted service while the built-in RFID module supports easy access and identification of drivers and operators using custom RFID cards.



AEX-S-MON-1

19" HD Monitor for Mobile CCTV Systems

The AEX-S-COM-1 ruggedised monitor is a 19" screen size offering full high definition 1080P resolution. It is perfect for use with our AutoEye Xpert Pro Series of mobile DVR's as it supports connection to VGA and composite signals, as well as supporting 12V DC power and mains power options.

The monitor can be desk or wall mounted and includes a versatile bracket which can be removed if preferred. Its sturdy metal chassis protects the screen in harsh mobile environments.



PERIPHERALS

ACC-493

LED Panic Button & Indicator Kit

The LED Panic Button complete with additional LED Indicators provides live status indication and separate audio and video recording indicators when used with AutoEye Xpert Pro DVR's.

The ACC-493 can be used to provide live status indication of the DVR functions, and provide an easy way to create video timeline markers and initiate special functions for emergency use. It connects to the DVR via an RS485 and latched DVR alarm output connections which provides power for the LED's and data communications for the indicator and button functions.



AEX-ST-ACC-EC

EasyCheck Wi-Fi Hotspot

EasyCheck Wi-Fi Hotspot for use with AutoEye Xpert Pro Series DVR's.

The Standby EasyCheck is a USB dongle that creates a wi-fi hotspot around our Pro Series DVR's to facilitate maintenance and management of the system via iOS or Android devices. The system is particularly useful when adjusting camera viewing angles during installation as it allows a live real-time view on a phone or tablet avoiding the need to constantly walk up and down the vehicle to check on a dash-mounted monitor for example.



This document shows just a sample of the vehicle video products that we have to offer. Visit www.standbyrsg.co.uk or telephone **01543 438800** for more information.