

# QuadraStorm

## Hybrid digital video management system

The QuadraStorm is a robust and reliable hybrid digital video management system available with 8 hot swap disks. It provides an ideal solution for the demanding requirements of airports, ports, casinos, town centres, utilities, government and the police as well as high security industrial and commercial applications.

Easy to install and operate, the QuadraStorm is able to simultaneously record video images from a combination of analogue and IP network cameras. Up to 64 channels can be recorded simultaneously from up to 32 analogue cameras or 64 IP/megapixel cameras with a choice of H.264, MxPEG, MPEG-4 or MJPEG compression. Up to 8 HDcctv cameras can be specified at the time of the order.

Datasat's remote monitoring software allows users to securely monitor real-time live images or retrieve recorded video over the network, whilst multiple QuadraStorm servers can be configured into a server group to support large and distributed video surveillance applications.

**Simultaneously record video images from a combination of analogue and IP network cameras. Up to 64 channels can be recorded from up to 32 analogue cameras or 64 IP/megapixel cameras.**

Simple drag and drop function enables each user to create unique multiple display preferences whilst the QuadraStorm offers an extremely fast search facility to allow users to be able to quickly review recorded images of any incident.



### > Related Products

#### > QuadraFlex DN100

The QuadraFlex DN100 is a rugged, full outdoor carrier grade communications system, which provides flexible access and backhaul capabilities for point to point and point to multi point applications.

#### > QuadraFlex DN200

The QuadraFlex DN200 is a secure, rugged, full outdoor carrier grade communications system. Combining four high power radio interfaces, 2x2:2 MIMO operation and dual band licence-exempt 2.4GHz and 5GHz simultaneous operations, it delivers aggregate throughput up to 1200Mbps with a unique QoS algorithm to ensure maximum 'goodput'.



Export to the native format and benefit from features such as encryption and image authentication or alternatively convert the video to any of a wide selection of standard formats such as MPEG, Flash Video, AVI, and many more.

As is the case with other Datasat digital management systems, the QuadraStorm, designed for 19 inch rack mounting, utilises an ultra reliable Linux-based open software platform. Its robustness is further enhanced with its 1 + 1 redundant power supply design. All QuadraStorm units benefit from a 1 year 'return to base' warranty.

**When the accurate capture of high quality video imagery is essential to your business, the QuadraStorm hybrid digital video management system offers you an outstanding range of sophisticated features.**

**Ideally suited for:  
Airports, Ports  
Utilities, Government  
Police, Casinos**

Contact us today with your communications requirements on +44 (0)118 934 9199 or email us at [sales@datasat.com](mailto:sales@datasat.com)

#### > Cameras

- Analogue inputs: Up to 32 channel, BNC 1 Vpp, 75Ω - Optional loop through panel with auto-termination
- HDcctv inputs: Up to 8 channel
- Network inputs: 64 (IP/megapixel) channel
- Hybrid config: Up to 64 video channels recorded simultaneously

#### > Compression

- Formats: H.264, MPEG-4, M-JPEG and MxPEG
- PTZ devices: Full 3 axis control (PAN, TILT & ZOOM) using a 3-axis mouse or joystick
- PTZ Preset and Tour
- IP camera setup: Drop down menu
- IP camera ping: Available
- IP camera web
- Browser setup: Direct access
- IP camera
- Discovery: uPnP, Bonjour

#### > Storage

- Internal HDD: Up to 8 x 3.5" SATA-HDDs (Hot-Swappable)
- RAID level: 0, 1, 5, optional

#### > Network

- Network ports: 2 x 1000 Mbps
- Protocols: TCP/IP, DNS, SMTP, NTP, SSH, HTTP, RTSP
- Configuration: Static IP entry
- Time sync (NTP): Automatically synchronised to other Datasat servers or external time source
- Bandwidth: Per user
- Recording System
- Video standards: PAL or NTSC standards, HDcctv and IP
- Video resolution: QCIF, CIF, 2CIF, DCIF, D1, HD720, HD1080, VGA, megapixel, custom
- Analogue rate: D1 Up to 25/30 fps (PAL/NTSC)per input. Up to 800/960 fps per server
- IP rate: High image rates supported, camera dependent
- Video displays: Adjustable in size and number