

## Main Features

### Features

- ◆ Over 300 cameras
- ◆ 17 x DVR's providing 24 hr recording
- ◆ Remote Alarm Monitoring
- ◆ Remote P/T/Z control of cameras



### Project Overview:

UniVision were recently selected as the integrator of choice to replace traditional Video Cassette Recorders (VCR's) and multiplexers in the headquarters of one of Hong Kong's most successful public companies the New World Development Company Limited.

NetServer Digital Video Recorders (DVR's) form the backbone of the system, providing many improvements over the existing VCR based systems, including; direct monitoring of up to 16 cameras per machine and output to a high quality 1024 x 768 pixel displays. The NetServer DVR's were supplied with sophisticated playback and search functions, recording and remote access capability which can be simultaneously operated while an extensive Hard Disk Drive storage capability allows the whole system to record all 16 channels 24 hours 7 days per week. The resolution of the recordings may be set as high as: 768x576 pixels.

Using MPEG4 compression encoders the systems makes extremely efficient use of the available Hard Disk space achieving very low file sizes when compared to less advanced codec's which use alternative technologies.

A pre-programmed schedule allows the system to provide real-time recording during specific periods, for example; during normal office hours, but to automatically switch to the Video Motion

Detection mode outside these periods and to increase the frame rate to e.g., 10fps upon receipt of an alarm event, such as a Fire Exit door being opened.

Centralised retrieval to removable media such as CDRom, NAS etc, is also optionally provided within the system..

### Central Security Management System:

A central security management system is designed to monitor alarm events including: Door Alarms, Video Motion Detection (VMD). Operators are alerted by alarm pop-up screens within the Windows GUI. The specific camera and related DVR IP address is also displayed to the GUI and overlaid with date/time information. An audio/visual alert stays active until it is acknowledged by the operator.

General features of the Windows application software also include: instant recording of all cameras at the touch of the screen icon, and instant playback.

