



Videcon PLC, Vision House, High Street, Heckmondwike, West Yorkshire, WF16 0AD, UK  
Tel +44 (0)1924 528006 Fax +44 (0)1924 528005 Email sales@videcon.co.uk Web www.videcon.co.uk

## **Level 1 CCTV Training Agenda.**

### **Course Start and Introduction**

Applications of CCTV

### **Cameras & Lenses**

CCD Cameras, Sensor Types, Format Sizes & Applications  
Resolution and Sensitivity  
Colour / Monochrome Camera Comparison  
Infra Red Illumination and Covert Surveillance  
Types of Lens and their Applications  
Focal Lengths and Fields of View  
Image Heights and Rules of Evidence  
Demonstration of Camera & Lens Set-Up Procedures followed by  
Practical Sessions for Trainees ( Approx 1 Hour)

### **CCTV Transmission, Switching and Control Systems**

Video Signal Description  
Coaxial Cable Types and Applications  
Signal Attenuation  
Signal Termination  
Video Switchers, Sequences, Dwell, Skip  
Camera Control using Coaxial Telemetry

### **Video Multiplexers and Video Recorders**

Time Lapse Video Recording & Playback  
Multiscreen Display Devices  
Video Multiplexing, Encoding/Decoding  
Installation, Programming and Operation of Videcon Multiplexer

### **Data Protection Act (1998)**

Purpose of the Act  
Principles of Data Protection  
Requirements for Installers & End Users

### **Fault Finding**

Common CCTV System Faults  
Symptoms, Causes and Rectification of Video Signal Interference  
Earth Loops and Hum

### **Course Finish**