



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 3 CCTV Training Agenda.

Course Start and Introduction

Fibre-Optic Transmission

Comparison of Fibre and Copper Cables
Video and Data Transmission
Fibre-to-Copper Interfaces

Use of an Oscilloscope for measurement and fault diagnosis on video signals.

Minimum requirements of an oscilloscope for CCTV
Oscilloscope settings to measure video levels
Acceptable limits of video signal amplitudes

Network CCTV

Overview of IP-based CCTV
LANs & WANs
Capacities and Typical Performance Levels
Ethernet Connections
Hubs, Switches and Routers
IP Addresses, Subnet Masks and Gateways
Video & Web Servers, SureLink.
TeleEye III+ Transmitter Installation, Programming & Operation
PC Reception Software Configuration and Operation
Useful IP Diagnostic Tools, PING, IP Scanners and Protocol Analysers

Remote Monitoring of CCTV Systems

PSTN, ISDN & DSL Transmission
Event-Driven Systems
Requirements of BS8414
Remote Monitoring using TeleEye III+
Monitoring Station Services

Performance Testing of CCTV Systems

Rotakin Testing
Standard Colour Test Charts

Decibels as a unit of measure

Course Finish