

Practical CCTV Installation Training

By the end of the week you will have built a complete CCTV system including a combination of static and maneuverable cameras and test signal generators fed over a range of video transmission media.

- The basic theory of television and CCTV
- The foundations of digital CCTV and IP
- Setting up black and white and colour display screens
- The composite video signal
- Setting up, back focusing and zoom tracking cameras
- Selecting and applying appropriate lenses and filters
- Understanding different lighting parameters for CCTV cameras
- Practical lens calculations and the Operational Requirement
- Handling video and data storage media.
- Setting up digital video recorders
- Selecting, connecting and installing cables
- Use of oscilloscopes, bar generators and other test equipment
- Commissioning, fault finding and routine maintenance
- Selecting and applying function switches on cameras
- Direct drive and video iris lenses
- Varifocal, aspherical, zoom and manual lenses
- Installing fixed focus cameras into housings

- Setting up and programming domes
- Wiring a fully functional camera (PTZ)
- Connections over coaxial cable
- Installing cameras over twisted pair
- Using launch and equalising amplifiers
- Fibre optic transmitters and receivers
- Digital video recorders
- Wiring and configuring telemetry systems
- Setting up and terminating display screens
- Installing baluns with UTP
- British and European standards
- Health and safety
- Basic legal considerations
- Group workshops and short evening projects

Delegates who successfully complete the course will receive a certificate of attendance.

If you need to discuss the course contents or the different payment options, please speak to one of our course advisers on +442083185860 ,02034112073 or email info@securematicstraining.co.uk