



# **Minimum Installation Practice for SAIDSA CCTV System Installations**

**SAIDSA members are required to comply with the  
Minimum Installation Practice for all installations.**

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- 1.** All equipment must be installed to manufacturers specifications.
- 2.** Cables that are vulnerable to corrosion and mechanical damage as well as external wiring must be suitably protected or placed in trunking, conduit or cable trays.
- 3.** Where cameras are vulnerable to environmental damage, dust or damp, they must be suitably protected by means of outdoor housings.
- 4.** All video cable terminations must be permanent and must be correctly crimped, and insulated using suitable BNC connectors as required.
- 5.** Solder joints for video cable extensions are not permitted.
- 6.** Cable types must be correctly selected as per manufacturers specifications.
- 7.** Where on-site recording is performed, the minimum recording speed must be at least 6 frames per second.
- 8.** Camera brackets must be securely mounted on a stable surface using suitable fasteners.
- 9.** Video images must be sharp, clear and stable and of a quality suitable for Monitoring, Detection, Recognition or Identification as specified by the client.
- 10.** Video cables must not be run parallel to AC power cables.
- 11.** Video cables must be labelled or marked.
- 12.** The area to be protected must be of such a nature that light levels will provide suitable quality images. Where this is not the case, the client is responsible for providing the necessary lighting enhancements.
- 13.** Where cameras are installed in a public area, privacy laws must be adhered to at all times.
- 14.** Where possible, suitable measures must be taken to avoid tampering of cables.
- 15.** Power supplies must be fused and surge protected. The capacity must not be more than 80% of the maximum load.