WILEX TECHNOLOGIES

CCTV Installation Basics

Practical Technology Guide

1. Start With the Objective

• Define what must be seen, from where, at what time and at what level of detail.

• A professional CCTV job begins with a site survey, not with choosing a camera.

2. Site Survey

• Identify entrances, exits, parking, stores, cash points, corridors and other critical areas.

• Check lighting, mounting positions, cable routes, power and network availability.

3. Equipment

• Typical components are cameras, NVR/DVR, storage, PoE equipment, network cable, monitor, UPS and mounting accessories.

• Select equipment according to coverage, environment, retention requirements and budget.

4. Installation & Testing

• Mount cameras securely and minimize blind spots.

• Label cables, verify power and network links, test every camera, recording, playback and remote viewing before handover.

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