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Installing CCTV cameras is an effective way to improve security at homes, offices, shops, and commercial properties. However, simply installing cameras does not guarantee complete protection. Poor placement, incorrect settings, and neglected maintenance can create security gaps that make it difficult to monitor important areas.

In Dubai, where residential buildings, villas, warehouses, and commercial spaces have different security requirements, proper [CCTV installation Dubai](#) is essential. Here are seven common mistakes you should avoid.

1. Choosing the Wrong Camera Locations

Camera placement directly affects the quality of surveillance. Installing cameras too high, too low, or at an unsuitable angle may leave entrances, walkways, and other important areas outside the field of view.

Before installation, identify the locations that require monitoring, such as main entrances, parking areas, reception desks, and access points. A professional installer can help determine suitable camera angles and mounting positions.

2. Ignoring Blind Spots

Blind spots are areas that cameras cannot capture clearly. These may occur behind walls, pillars, large vehicles, furniture, or architectural features.

For example, a camera positioned at a villa entrance might record visitors approaching the front door but miss activity near a side gate. Conducting a coverage assessment before installation helps identify these gaps.

Overlapping camera views may be useful for important areas where additional coverage is needed.

3. Selecting Cameras With Poor Image Quality

A camera may record activity without capturing enough detail to identify a person, vehicle, or important object. Low resolution, unsuitable lenses, and poor lighting can reduce the usefulness of recorded footage.

Choose cameras according to the property's requirements. Entrances may need detailed facial images, while large outdoor areas may require lenses designed for wider coverage or longer viewing distances.

Consider resolution, night vision, and performance in challenging lighting conditions before making a decision.

4. Overlooking Night-Time Surveillance

Security risks do not disappear after sunset. Cameras that perform well during daylight may produce unclear footage at night if their low-light capabilities are inadequate.

Check whether the selected cameras support infrared night vision or suitable low-light recording. Outdoor lighting can also improve visibility, depending on the camera type and installation location.

Test the system during both daytime and nighttime conditions to confirm that important areas remain visible.

5. Using Weak Passwords and Poor Network Security

Network-connected CCTV systems can become vulnerable when users keep default passwords, use weak login credentials, or neglect software updates.

Change default passwords immediately, create strong unique credentials, update camera firmware, and secure the network used by the surveillance system. Limit access to authorised users and review permissions regularly.

For remote monitoring, configure secure access rather than exposing camera services unnecessarily to the internet.

6. Choosing Insufficient Storage Capacity

CCTV cameras need adequate storage to retain footage for the required period. If storage is too limited, older recordings may be overwritten before they can be reviewed.

Storage requirements depend on camera resolution, the number of cameras, recording schedules, frame rates, and retention needs.

Before installation, calculate the expected storage demand and select a suitable network video recorder (NVR), digital video recorder (DVR), or supported storage solution.

7. Skipping Testing and Regular Maintenance

A CCTV system can develop problems over time. Dust, damaged cables, power interruptions, incorrect settings, or network issues may prevent cameras from recording properly.

After installation, test every camera, confirm that recordings can be retrieved, and verify remote viewing if required. Schedule periodic checks to ensure that lenses remain clean, cables are secure, and recording equipment operates correctly.

Conclusion

CCTV cameras provide useful security support only when they are positioned, configured, and maintained correctly. Avoiding these seven mistakes can improve surveillance coverage and reduce the risk of missing important activity.

For properties in Dubai, professional planning can help ensure that the system suits the building layout, lighting conditions, and security requirements.

CTA: Planning to secure your home or business? Contact a professional [CCTV installation near me](#) for guidance on camera placement, recording systems, and reliable surveillance

