



# Security Camera Functionality Checklist

## Camera System Initialization & Basic Operation

Verifies initial setup and fundamental camera functionality.

### Camera Firmware Version

### Initial Camera Status (Online/Offline)

☐ Online☐ Offline

### Date of Last System Reboot

### Time of Last System Reboot

### Network Connection Status (Connected/Disconnected)

☐ Connected☐ Disconnected

### IP Address Configuration (Static/DHCP)

Write something...

### Number of Cameras Successfully Connected

Enter a number...

### Any Initialization Errors Encountered?

Write something...

## Image Quality & Clarity

Assesses the visual integrity and usability of camera feeds.

### Lux Rating Verification (actual vs. specified)

Enter a number...

### Image Color Accuracy

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

### Image Sharpness

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

### Describe any visual artifacts or distortions observed.

Write something...

### Frame Rate (FPS) verification

Enter a number...

### Night Vision Performance (if applicable)

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor
- ☐ Not Applicable

### Lens Distortion Correction (if applicable)

Enter a number...

## Pan-Tilt-Zoom (PTZ) Functionality (If Applicable)

Checks the responsiveness and accuracy of PTZ controls.

### PTZ Control Method Verification

- ☐ Manual Control
- ☐ Automated Patrol
- ☐ Software Interface
- ☐ All Methods

### Pan Range (Degrees)

Enter a number...

### Tilt Range (Degrees)

Enter a number...

### Zoom Range (Optical)

Enter a number...

### PTZ Speed Response

- ☐ Fast
- ☐ Normal
- ☐ Slow
- ☐ Acceptable
- ☐ Unacceptable

### Describe any observed PTZ Movement Issues

Write something...

### Patrol Route Accuracy (If Applicable)

- ☐ Accurate
- ☐ Slight Deviation
- ☐ Significant Deviation
- ☐ Not Applicable

### Last PTZ Calibration Date/Time

## Recording & Storage

Evaluates the reliability and accessibility of recorded footage.

### Maximum Recording Capacity (GB/TB)

### Current Storage Used (GB/TB)

### Remaining Storage Capacity (GB/TB)

### Recording Type (Continuous/Event-Triggered/Scheduled)

- ☐ Continuous
- ☐ Event-Triggered
- ☐ Scheduled

### Recording Retention Period (Days/Weeks/Months)

- ☐ Days
- ☐ Weeks
- ☐ Months

### Number of Backup Copies (If Applicable)

Enter a number...

### Last Successful Data Backup Date

Enter date...

### Notes/Comments Regarding Recording & Storage Performance

Write something...

## Network Connectivity & Remote Access

Confirms camera system accessibility and performance over the network.

### Network Bandwidth Utilization (Average)

Enter a number...

### Connection Type (Wired/Wireless)

- ☐ Wired
- ☐ Wireless

### Remote Access URL/IP Address

Write something...

### Ping Response Time (ms)

Enter a number...

### Authentication Method Used

- ☐ Username/Password
- ☐ Two-Factor Authentication
- ☐ Other

### Notes on Remote Access Experience (Stability, Lag, etc.)

Write something...

### Firewall Configuration Verified?

- ☐ Yes
- ☐ No
- ☐ N/A

## Alerts & Notifications

Tests the effectiveness of configured alerts and notifications.

### **Motion Detection Alert Test**

- ☐ Successful
- ☐ Partial Success (False Positive)
- ☐ Failed

### **Scheduled Alert Test Time (e.g., for nighttime tests)**

### **Audio Alert Test (if applicable)**

- ☐ Successful
- ☐ Partial Success (Low Volume)
- ☐ Failed

### **Notification Delay (seconds)**

Enter a number...

### **Email Notification Test**

- ☐ Successful
- ☐ Failed
- ☐ Not Configured

### **Comments/Observations Regarding Alerts**

Write something...

## **Power & Backup Systems**

Ensures continuous power supply to cameras and related equipment.



### UPS Battery Capacity (in Amp-Hours)

Enter a number...

### UPS Battery Voltage (in Volts)

Enter a number...

### UPS Runtime (in minutes) under typical load

Enter a number...

### Last UPS Battery Replacement Date

Enter date...

### Generator Status (if applicable)

- ☐ Operational
- ☐ Needs Maintenance
- ☐ Not Applicable

### Automatic Transfer Switch (ATS) Functionality (if applicable)

- ☐ Functional
- ☐ Needs Testing
- ☐ Not Applicable

## Notes on Power Backup System Observations

Write something...

## System Integration (If Applicable)

Checks compatibility and performance when integrated with other security systems.

### Integrated System Type

- ☐ Access Control System
- ☐ Alarm System
- ☐ Building Management System (BMS)
- ☐ None
- ☐ Other

### Description of Integration Points

Write something...

### Integration Communication Protocol

- ☐ ONVIF
- ☐ RS-485
- ☐ TCP/IP
- ☐ Proprietary
- ☐ Other

### Latency (ms) - Integration Response Time

Enter a number...

### Describe any issues encountered during integration testing.

Write something...

### Event Triggering Validation

- ☐ Successful
- ☐ Partial
- ☐ Failed

## Software & Firmware

Verifies software versions and updates for optimal security.

### Current Firmware Version

Enter a number...

### Firmware Update Status

- ☐ Up-to-Date
- ☐ Outdated
- ☐ Pending Update

### Last Firmware Update Date

Enter date...

### Notes on Last Firmware Update (if applicable)

Write something...

### Software Compatibility (NVR/DVR)

- ☐ Compatible
- ☐ Incompatible
- ☐ Needs Verification

### Software Version of NVR/DVR (if applicable)

Write something...

### Available Storage Space (GB)

Enter a number...