Win more video business
with built-in image quality supervision

Bosch tips and benefits

BOSCH
Invented for life

Capture more video business by supervising each camera
and its image quality against failure

The only fully-supervised security solution! Bosch's built-in integration between the B Series or G Series control panels and IP cameras allow you to offer piece-of-mind that the Bosch surveillance system has fully functioning IP cameras, each with excellent image quality.

Bosch cameras are world renowned for professional quality, and delivering crisp, clear images you can rely on, even in extreme low light. But what if the camera is maliciously masked, moved or damaged? Even sunlight glare or accidentally turning off lights can render even the best camera ineffective.

Bosch IP cameras and their image quality can be fully supervised by Bosch B and G Series intrusion control panels. Simply program the IP address or DNS name of each camera in to the panel, assign them as supervised detection points and enable the Tamper Video Analytic within each camera.

Once configured with supervision, the panel can now generate:

▶ **Point trouble:** The Bosch IP camera detects that its video picture has been tampered with. Examples include scene too bright, scene too dark, scene too noisy, global change, and/or reference image change

▶ **Camera trouble:** The individual camera that goes offline loses network supervision with it.

The IP camera is programmed as a detection point and is fully supervised over the IP network by the B Series or G Series panel.

If the camera's picture has been tampered with or degraded.

The camera's point trouble is displayed on the keypad and communicated to the central station or remote device.

Closed loop supervision The Bosch security system generates a camera trouble if the IP camera loses network supervision.

Why choose Bosch IP cameras?

More profitable
Bosch's closed-loop video supervision is unmatched and can be used to generate video RMR as well as a unique value proposition to win and keep more business.

Easy installation
Camera supervision and camera tamper supervision are built into each Bosch IP camera and the B and G Series control panels. Supervision and communication between the two occur over the IP network so no additional wiring or hardware is needed.

B and G Series both features Universal Plug and Play (UPnP) network technology which allows the system to self-configure with networks, providing simple installation, compatibility for remote programming and control over LAN, WAN, or Internet. Also, Bosch camera configuration tools detect and configure the cameras automatically while allowing quick setting changes.
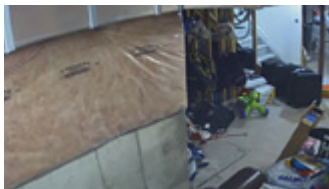
System normal: The intrusion system is supervising Bosch IP cameras with quality video

Camera missing: The intrusion system has lost supervision with IP camera #1 (e.g. camera is damaged)

Camera tamper: The intrusion system is supervising an IP camera with a camera tamper condition (e.g. camera has been obstructed).
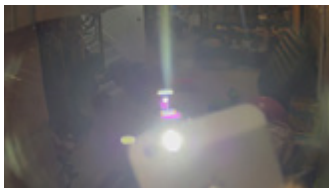
Global change tamper
- ▶ Camera has been rotated
- ▶ Camera has been moved

Scene too noisy tamper
- ▶ Camera has been sprayed
- ▶ Camera is dirty
- ▶ Moisture on the camera
- ▶ Ice on the camera

Scene too bright tamper
- ▶ Flashlight/laser
- ▶ Car headlights
- ▶ Sunlight reflection

Scene too dark tamper
- ▶ Camera has been painted
- ▶ Camera is masked
- ▶ Lights are off
- ▶ Camera is dirty

A Tradition of Quality and Innovation
For 125 years, the Bosch name has stood for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.