

Produktbild "" nicht gefunden!

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## Image optimisation systems

The visual evaluation of image recordings or live recordings is critically important. Be it for crime prevention, monitoring and control of infrastructure, detection of product defects, scientific image analysis and numerous other scenarios. However, recordings can be unclear due to uncontrollable circumstances. <br /> EIZO proves image optimisation can also work outside the monitor with the DuraVision EVS1VX image optimisation system. The system improves the recognisability of video recordings in the areas of security, monitoring, infrastructure maintenance and image analysis in real time. <br /> DuraVision EVS1VX is installed via HDMI between the signal source (camera or recorder) and the monitor or analysis unit and optimises playback. This simplifies the visual differentiation of image details and facilitates image analysis in AI-supported systems.<br /> Areas that are difficult to see due to low light, atmospheric haze or other environmental conditions are differentiated in real time and the brightness of each pixel is adjusted to increase detectability. This is useful not only for night or fog visibility, but also for detecting surface irregularities, such as cracks in concrete, tracks, pipes or asphalt. DuraVision EVS1VX has advanced setting options and optional features.

- ✔ Simplifies visual differentiation and easier image analysis in AI-based systems
- ✔ Installed between signal source and screen or analysis unit, video content is optimised
- ✔ 2D noise reduction filters unnatural block artefacts
- ✔ Clearer contours through 3D noise reduction (optional), especially for night shots
- ✔ Better colour differentiation of almost colourless images (optional)
- ✔ Effective adaptation to the displayed scene through extensive leveling options
- ✔ Focusing on interesting sections of the image optionally through partial image enhancement
- ✔ Capture still images of optimised scenes and save directly to USB media (optional)



# DuraVision **EVS1VX**

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