



eneo **VKC-1375 / VKCD-1375**
Automated surveillance with
extensive analysis functions

Features VKC-1375 / VKCD-1375

VKC-1375

1/3" Day&Night Camera, WDR, DSS, EHLC, Video Analytics, 650TVL

- 1/3" Sony Super HAD II Colour/B&W CCD Sensor
- Sensitivity of 0.1Lux at F1.2 (Colour/AGC High)
- Wide Dynamic Range (WDR) up to x512 (54dB)
- Excessive Highlight Compensation (EHLC)
- Intelligent Backlight Compensation (BLC)
- Powerful Digital Noise Reduction (2D/3D DNR)
- 256 Steps Digital Zoom and Digital PTZ Support
- On-screen Menu Control
- Video Analytics: Motion Detection, Motion Tracking, Absent, Face Detection, Cross Object Counting, Entrance Counting, Mine Area
- Privacy Masking/Mirror Function
- External Day/Night Selection / RS-485 Interface
- Supply Voltage: 230VAC or 12/24V

VKCD-1375

1/3" Day&Night Dome Camera, WDR, DSS, EHLC, Video Analytics, 650TVL, 12VDC/24VAC

- 1/3" Sony Super HAD II Colour/B&W CCD Sensor
- Sensitivity of 0.1Lux at F1.2 (Colour/AGC High)
- Wide Dynamic Range (WDR) up to x512 (54dB)
- Excessive Highlight Compensation (EHLC)
- Intelligent Backlight Compensation (BLC)
- Powerful Digital Noise Reduction (2D/3D DNR)
- 256 Steps Digital Zoom and Digital PTZ Support
- On-screen Menu Control
- Video Analytics: Motion Detection, Motion Tracking, Absent, Face Detection, Cross Object Counting, Entrance Counting, Mine Area
- Privacy Masking/Mirror Function
- External Day/Night Selection / RS-485 Interface
- Integrated F1.4/2.8-12mm Varifocal DC Iris Lens

Cameras are becoming more and more intelligent. The VKC-1375 Box Camera and VKCD-1375 Fixed Dome from eneo are current examples of this. Motion detection has been implemented with different functionalities and configuration options: classic motion detection is applied to the entire scene with automatic upsizing and tracking of the detected movement by PTZ. Now though, the Mine Area function is used to preselect relevant areas, such as a wire, barrier or an area where unauthorised entry is prohibited. But the eneo technology goes even further: their range of functions include face image recognition and alerting when an object is moved out of a predefined area, plus cross object counting and entrance counting. With Cross Object Counting, two vertical lines defined in the picture are used for counting objects that move past, such as vehicles driving past a building. With Entrance Counting, the camera counts the number of people who enter or leave an entrance area, such as in a supermarket. The number counted is displayed directly in the camera image for both functions.

All of these analysis functions are clearly only useful when the image quality is outstanding: the VKC-1375 and VKCD-1375 have a horizontal resolution of 650 TV lines and they feature the new EHLC functionality (Excessive High Light Compensation). This function shades very bright areas in the video image, such as car headlights directed at the camera. Also, very dark image areas are brightened, so that the number plate is clearly recognisable despite the darkening effect in this example. Effective noise suppression is achieved through either the 2D function or the very effective 3D-DNR.

Errors excepted. Specifications subject to change.