



# SYMMETRY™

## EN-7500 SERIES NETWORK CAMERAS

### VIDEO CONTENT ANALYTICS

The Symmetry range of high performance Network cameras with H.264 compression includes Intelligent Detection as standard. A unique tracking engine is used to perform intelligent analysis of motion for intrusion and tamper detection.

Selected cameras within the range also offer sophisticated Video Content Analytics (VCA), extending the capabilities of the Intelligent Detection to include additional filters for entry / exit, appear / disappear, dwell, direction, abandoned / removed objects and counting linked to the detection rule.

These advanced VCA functions include an extensive range of sophisticated video analytics tools including:

#### Enter and Exit Filters

– detect objects which move into or out of a predefined area of the screen

#### Appear and Disappear Filters

– detect objects which suddenly appear or disappear (as opposed to entering or exiting) a predefined area of the screen

#### Dwell Filter

– detect objects that loiter in a predefined area of the screen for a predetermined period

#### Direction Filter

– allows Enter and Exit / Appear and Disappear / Dwell filters to be refined depending on the direction of the object

#### Counting Linked to the Detection Rule

– allow objects detected as defined by the filters to increment or decrement a counter displayed on-screen

#### Abandoned Object Detection

– allow detection of objects which appear in a predefined area of the image, and remain in place for a predetermined period

#### Removed Object Detection

– allow detection of objects which disappear from a predefined area of the image, and do not reappear within a predetermined period

#### On-screen Display of Object Classification

– allow objects on screen to be classified depending on parameters such as speed, area and height. For example, this would allow objects to be identified as a person or dog



Symmetry Video Content Analytics have been designed to be easy to use, while providing cost-effective solutions in a wide variety of applications.

### KEY FEATURES

- High quality tracking engine
- Quick and easy to use with intuitive 3D graphical interface
- No algorithm parameters, removing user confusion
- Cost-effective

All Symmetry H.264 cameras and encoders are supplied with a DVD providing a range of innovative training videos to guide the installer through the configuration the VCA features.

**NOTE:** Not all analytics are appropriate for all environments. In order to achieve the best possible results, it is recommended that installers familiarise themselves with the capabilities of each of the VCA functions before arriving on site.

To make full use of the advanced features available in this range of cameras requires Symmetry Security Management Software v6.2 SPI or later, with Symmetry 7500 Camera Series Video Plugin.

### PURCHASING INFORMATION

Video Content Analytics are available on the following Symmetry cameras and encoders:

- EN-7510-P-VCA, EN-7510-N-VCA
- EN-7520-VCA
- EN-7530-P-VCA, EN-7530-N-VCA
- EN-7550-P-VCA, EN-7550-N-VCA
- EN-7916-VCA
- EN7949-VCA



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