GEUTEBRüCK

Perimeter Control
G-Tect/VMX

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G-Core option for the provision of a professional video analysis for one camera channel on any G-ST. Especially suitable for the perimeter protection of critical surveillance zones. The extremely simple and intuitive parameterization allows a quick setup of the video analysis software. Also very complex outdoor surveillance situations can be handled effectively. The algorithms of G-Tect/VMX allow to detect objects and additionally detecting movements inside predefined zones of the scenery in real time. Spatial distortions can be considered while setting up the video analysis. It operates objectoriented and is thus able to recognize, observe and follow objects in an image. It also determines the directional component of the object. Using applied perspectives, it can make conclusions about the size and speed of the object. Virtual 3D scene boundaries allow to restrict the surveillance zone in a 3 dimensional way to provide a reliable detection regarding size, distance and speed of each object within the scene. Systematic occurring distortions are suppressed certainly due to permanent adaptations of the current background model, reducing the false alarm rate to a minimum. G-Tect/VMX has outstanding features for the surveillance of fences, walls, sterile areas and properties. The option also comprises the classical VMD sensor function, which can be used simultaneously with the object-oriented G-Tect/VMX in form of a dual sensor. This guarantees highest detection efficiency while reducing the false alarm rates further. All detected attributes can be used for filtering and evaluation purposes and can be used to directly control activities via the Central Action Manager. The video analysis additionally offers a time based switching between different parameterizations. A vector display feature can be hooked on while presenting pictures via G-View.

Turnkey delivery and installation or turnkey configuration and set-up

Model: G-Tect/VMX
Brand: Geutebrück or equivalent