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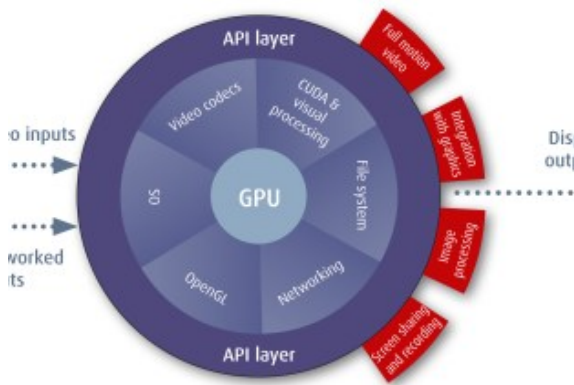
Nazwa	CommonSENSE Software toolkit for image processing
Cena	**0,00 zł**

OPIS PRODUKTU

In today's military environments, quick and immediate access to visual information is of vital importance. However, turning mission-critical information into real-time knowledge typically requires extensive customization on the client's application programs.
Barco's CommonSENSE software toolkit offers a comprehensive application programming interface to help system designers with the rapid development of high-performance visualization applications. Combined with Barco's network client application for enhanced C4ISR, CommonSENSE enables operators in the field to connect and respond to mission-critical information anytime, anywhere.
Offered as an option to Barco's Display Processing Modules (DPM) and smart displays, CommonSENSE can be deployed into a variety of manned positions for mission-critical systems, including unmanned vehicle systems, ground army vehicles and naval C4ISR systems.
Benefits:
Simplifies application development to reduce cost and speed time-to-market
Enables technology refresh of hardware with no impact to application software for reduced lifecycle cost and platform stability
Preserves video information (frames, pixels) while performing complex manipulations in real time
Frees CPU of image processing to perform other operations
Features
Capabilities
Full motion video (FMV)
Selection of any video, networked video or graphics source for processing, image composition and display
Controls for adjusting camera inputs (including brightness, contrast, saturation, edge alignment, and multiple de-interlacing modes
Positioning and sizing of video on the screen (including Picture-in-Picture)

Specification of how video content should be displayed, according to region of interest or pan, zoom and rotate parameters
Integration with graphics
References, tags and highlights to visualize content of interest
Metadata overlay
Integration with graphics applications, e.g. 3D video mapping, synthetic vision graphics
Image processing
Image enhancement, e.g. stabilization
Fusion of multiple sensors, e.g. image blending, image overlay
Integration with video analytics applications, e.g. intelligent motion detection, target tracking
Screen image operations
Live remote display
Recording
Playback
Applications
Unmanned vehicle systems
Manned and unmanned systems
Ground control systems
Distributed common ground system (DCGS)
Payload and analyst operator workstations
Naval C4ISR
UCAV/UCLASS EO/IR payload and analyst workstation
Command and control systems
Integrated bridge systems
Ground vehicles C4ISR
Situational awareness — 360° SA
Driver's video
Remote weapons sensor processing
This product is an option of the following products
SV-126
10" smart display
Article number: KX6336801000
SV-231
12" smart display
Article number: KX6336801200
DPM-3
Rugged Display Processing Module
Article number: K9395012
DPM-2
Rugged Display Processing Module
Article number: KX63355922
DPM-7700
High-performance ATC display server
Article number: KX633656