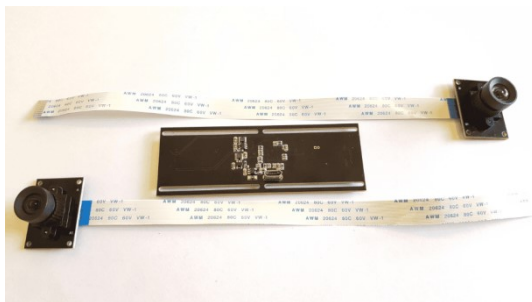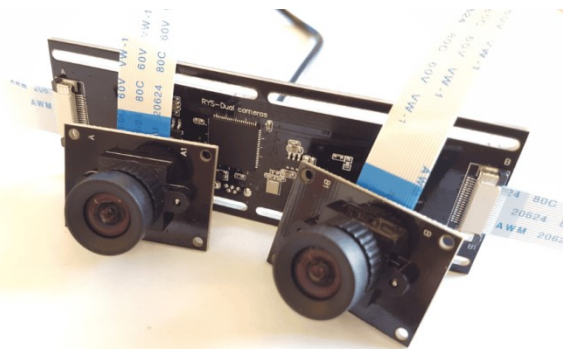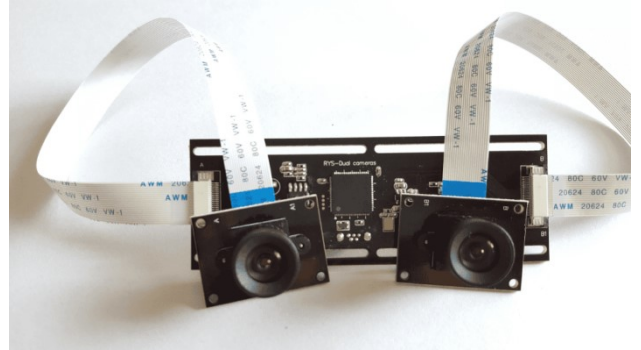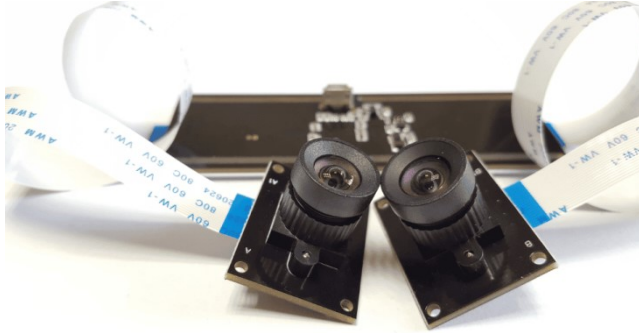## Facial Recognition Dual Camera with AI (Face Detection)
(Design by General Security)
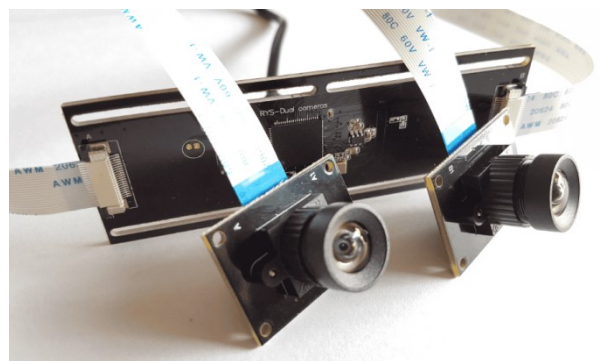
GENERAL SECURITY S.A DE C.V

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Tel: (503) 2557-3562/2557-3563 - ventas1@grupogeneralsecurity.com
www.grupogeneralsecurity.com

Specification:

Brand	General Security SA de CV
Model No	Face-AI-4MP (Design by General Security)
Sensor	1/3'' Omnivision OV4689
Pixel	4 Mega Pixels
Most effective pixels	3040x1520
Pixel Size	2.0µm x 2.0µm
Image area	5440um(H) x 3072um (V)
Compression format	MJPEG / YUV2 (YUYV)
Resolution & Frame rate	4mp / 60FPS
Shutter Type	Electronic rolling shutter
Focus type	Fixed focus (Manually adjustable)
S/N ratio	39.3dB
Dynamic range	64.6dB
Sensitivity	1900mV / lux-sec
Interface type	USB2.0
Adjustable parameter	Brightness/Contrast/Color saturation/Hue/Definition/ Gamma/White balance/Exposure
	Focal length: 3.6MM (Anti-Distortion)

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|	
Lens	Lens Size: 1/3 inch
	FOV: 90° (Adjustable)
	Thread Size: M12*P0.5
Audio frequency	Optional
Power supply	USB BUS POWER
Power consumption	DC 5V, 216mW
Main chip	DSP/SENSOR/FLASH
Auto Exposure Control (AEC)	Support
Auto White Balance (AEB)	Support
Auto Gain Control (AGC)	Support
Dimension	90MM x 32MM
Storage temperature	-20℃ to 70℃
Operating temperature	0℃ to 60℃
USB cable length	Default
Support OS	WinXP/Vista/Win7/Win8/Win10

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Facial Ilumination LED (Pair) Adjustable
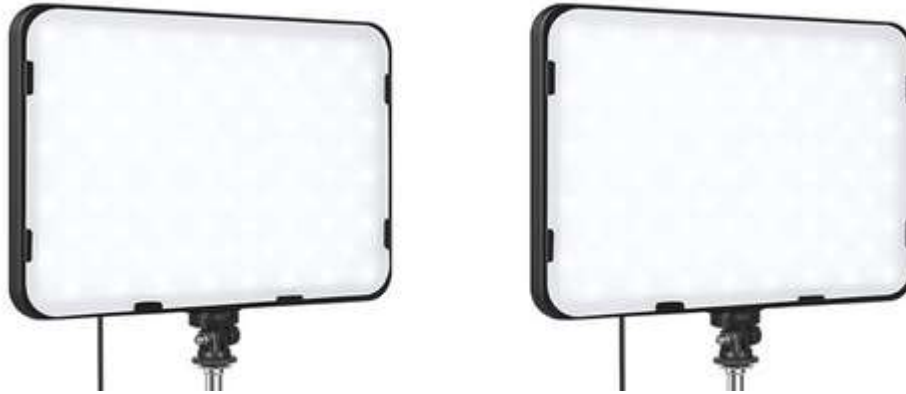
VeriLook SDK

Face identification for stand-alone or client-server applications

Face liveness detection is ISO 30103-7 compliant, prevents cheating with a photo in front of a camera.

Face liveness detection. A conventional face identification system can be tricked by placing a photo in front of the camera. VeriLook is able to prevent this kind of security breach by determining whether a face in a video stream or single frame is "live" or a photograph. The liveness detection can be performed in passive mode, when the engine evaluates certain facial features, and in active mode, when the engine evaluates user's response to perform actions like blinking or head movements. See **recommendations for face liveness detection** for more details.

Certified algorithm for face liveness check

iBeta

LEVEL 1
ISO 30107-3
Presentation Attack Detection
COMPLIANT

TESTED

Conformance letter from iBeta

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