

UVC-VL-GM2-1CAM

TechNexion
INNOVATORS OF TECHNOLOGY

- Connect GMSL2 camera via USB Type-C – No native GMSL interface required
- Plug-and-play bridging for x86/ARM systems
- Embedded camera 15meter over single wire COAX
- Easy and convenient aluminum design with screw locking mechanism



Information

Deserializer	MAX96714
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Interface

Support Camera Quantity	1 Camera
Camera Connector	FAKRA SMB Jack Z-Code
External Interface	USB Type-C 5 Gbps

Power Specifications

Power Connector	DC Jack
Power Input	10V~30V DC
Connector	USB Type-C 5 Gbps
USB Power Input	5V 1A
Power Consumption	Depending on Configuration

Software Support

Operation Systems	UVC Plug-and-play Windows 10/11 Linux Yocto
SDK	VizionViewer™ / VizionSDK

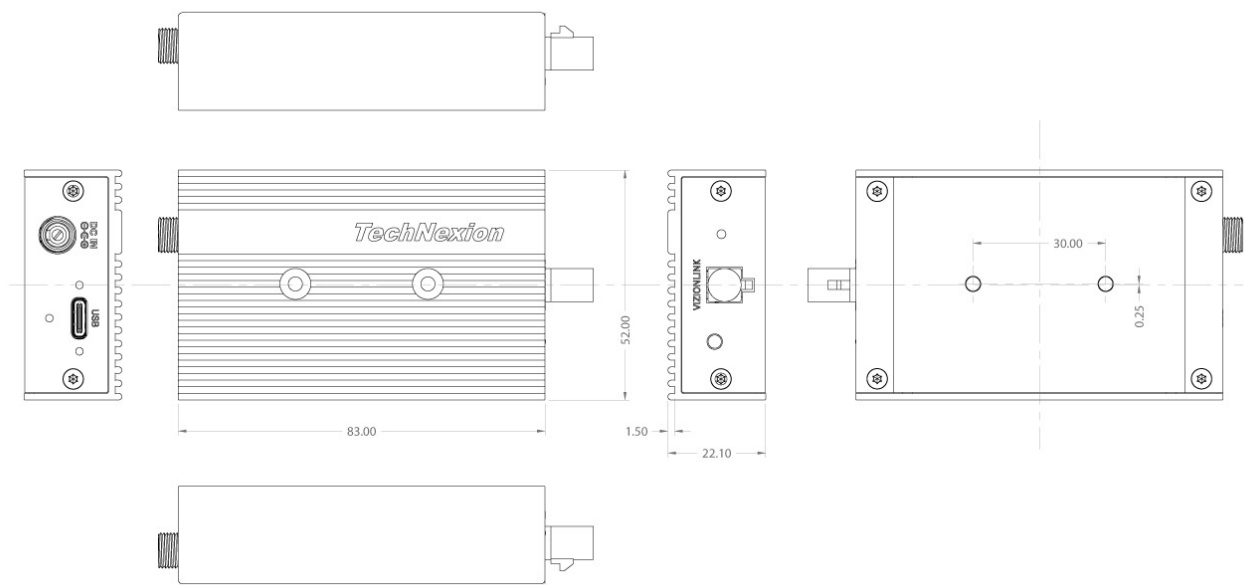
Environmental and Mechanical

Dimension	83(W) x 52(H) x 22.1(D) mm
Weight	107 grams
Operating Temperature	-40°C to +70°C

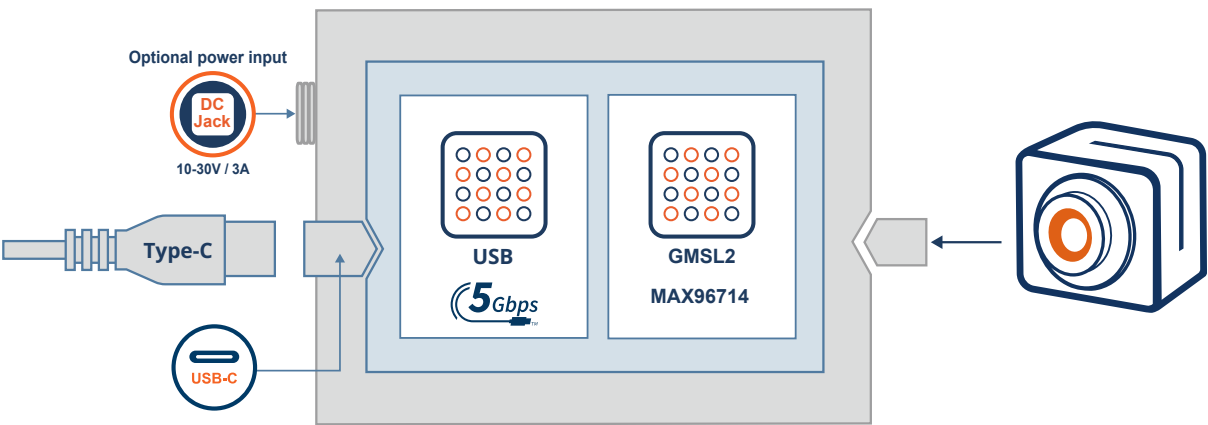
Commercial Information

Brand	TechNexion
Country of Origin	Taiwan
HTSN	8473.30.1180
ECCN	EAR99
REACH / RoHS	YES

Dimensions (units in mm)



Block Diagram



Order Information

UVC-VL-GM2-1CAM-xxxx

Option	Code	Description
Supported Camera	GM2	GMSL2 Camera
Max Camera Channels	1CAM	Supports 1 camera
Custom ID	xxxx	Custom Part number ID

For customization, please contact your TechNexion sales representative.

Compatibility

Compatible with TechNexion GMSL2 cameras. Easily integrates with VizionSDK for multi-camera sync, image control, and development.



< 2 MP	5 MP	8 MP	10 ~ 20 MP
 AR0144 Global Color	 AR0521 Rolling Color	 AR0821 Rolling Color	 AR1335 Rolling Color
 AR0145 Global Color/Mono	 AR0522 Rolling Color/Mono	 AR0822 Rolling Color/Mono	 AR2020 Rolling Color/Mono
 AR0234 Global Color	 AR0524 Global Color/Mono	 AR0830 Rolling Color	
 AR0235 Global Color/Mono	 AR0544 Rolling Color/Mono		
 AR0246 Rolling Color			

Software Support

Compatible with VizionSDK — a cross-platform C++, Python SDK for Windows and Linux.



VizionSDK



VizionViewer™



Find all Software on
<https://www.technexion.com>

Software SDK Available

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For more information:
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