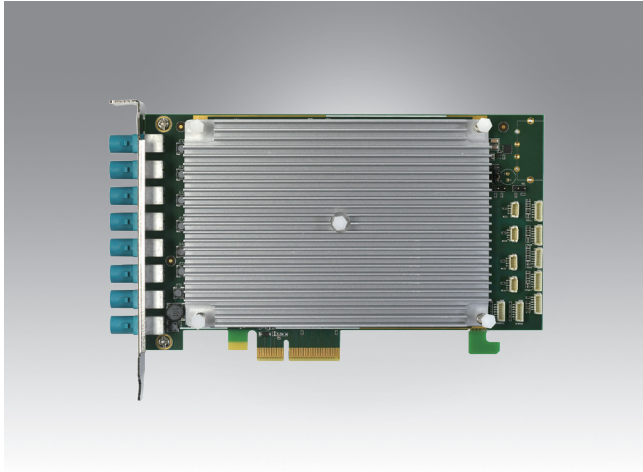


# DVP-7044HE

## 8-ports PCIe GMSL Video Capture Card



### Features

- MAX9296A 6.0 Gbps GMSL SerDes controller
- 8-channel GMSL2 video input with H.264 software compression
- Support 8 channel 60/50 fps at up to 1080p resolution
- PCIe x4 host interface
- DirectShow, V4L2, FFmpeg, Gstreamer support

### Introduction

DVP-7044HE is a PCIe-bus, GMSL2 video capture card with 8ch GMSL input. DVP-7044HE supports H.264 Software compression format at up to Full HD 1080p for each channel. It allows power to be supplied to connected device such as GMSL camera. DVP-7044HE supports both NVIDIA Jetson platform and Intel processor platform V4L2, Gstreamer accelerate time to value for high performance, robust and reliable AMR, AGV, Robot Vision and Industrial Vision AI applications. DVP-7044HE is an ideal solution for GMSL video capture applications

### Specifications

Video	Video Standard	GMSL1, GMSL2 (3.0G/6.0 Gbps)
	Video Input	8 ch GMSL2
	Compression	SW H.264
	Max. resolution / FPS	1920x1080p@60/50fps input 1920x1080p@60/50fps output
	Raw Data Format	YV12, NV12, YUY2, RGB24, RGB32, P010
SDK & OS	SDK	Support API: DirectShow, V4L2, FFmpeg, Gstreamer Support Language: C++, C#, .NET, Visual Basic, Qt, Delphi
	Operating System	Windows 7 / Windows 8 / Windows 8.1 / Windows 10 / Windows 11 Linux 4.8 or Higher ( 32-bit and 64-bit )
Physical Characteristics	Host Interface	PCIe x 4
	Operating Temperature	-20 ~ 70 °C (-4 ~ 158 °F)
	Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
	Dimensions	162.95 x 96.53 (mm)
	safety	CE/FCC Class A

### Ordering Information

P/N	Description
DVP-7044HE	8-ports PCIe GMSL Video Capture Card