

Parameter-Checklist for Automotive Video Projects

Please make sure that you select the right parameters depending on your device, **not all** video devices support them.

Please fill in the table as detailed as possible and send it to ats.sales@goepel.com

General Information	Customer name:			
	Technical contact person:			
	Project title:			
	Expected use case:			
Technical basics	Planned quantity of hardware:			
	Desired test hardware format:	<input type="checkbox"/> Box (GigE)	<input type="checkbox"/> PCIe Card*	<input type="checkbox"/> PXIe Card*
	Number of Video inputs on UUT:			
	Number of Video outputs on UUT:			

Some parameters are not supported by all our video devices. Please be not confused when unnecessary information is requested for your project. Please give us as much information as possible about your project. Only in This way we can create an offer that fits your application.

* Only available for Series 62 (Video Dragon 2)

** The **Dragon Suite** software is provided free of charge to our customers to help them work with their Göpel Video devices. This includes configuring the device, generating and capturing images and videos, sideband communication as well as various IO and CAN functions.

In addition, the tool offers additional features that are available as a paid **Dragon Suite Advanced** (such as Script Interface and Raw Data Recording) and are constantly being further developed. If you have any additional expansion requests, please contact our support team: ats.support@goepel.com.

*** We are delighted to support our customers in the start-up and development of their applications. In case of increased effort, we will offer you a fee-based support.

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Hardware Information	<input type="checkbox"/> Input		<input type="checkbox"/> Output		
	Source / Sink IC				
	Video connector type				
	Pinning of video connector:				
	Power supply of UUT via video cable:	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
Video Parameters	Pixel clock:				
	Image width:				
	Image height:				
	Frame rate:				
	Horizontal Sync Polarity:	<input type="checkbox"/> High	<input type="checkbox"/> Low		
	Vertical Sync Polarity:	<input type="checkbox"/> High	<input type="checkbox"/> Low		
	Data Enable Polarity:	<input type="checkbox"/> High	<input type="checkbox"/> Low		
	Pixel Clock Polarity:	<input type="checkbox"/> High	<input type="checkbox"/> Low		
	Lock Output Enable:	<input type="checkbox"/> High	<input type="checkbox"/> Low		
	Lock Polarity:	<input type="checkbox"/> High	<input type="checkbox"/> Low		
	Video format:				
	Number of video channels per stream:				
Sideband Communication	HDCP:	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
	I ² C:	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
	UART:	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
	SPI:	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
	MII:	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
	CAN:	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
	Maxim				
Chip dependent Information	GMSL Version:	<input type="checkbox"/> GMSL I	<input type="checkbox"/> GMSL II	<input type="checkbox"/> GMSL III	
	Bus Width:	<input type="checkbox"/> 24 bit	<input type="checkbox"/> 32 bit	<input type="checkbox"/> 64 bit	
	Additional Information:				