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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.

General Information	Customer name:						
	Technical contact person:						
	Project title:						
	Expected use case:						
Technical basics	Planned quantity of hardware:						
	Desired test hardware format:	☐ Box (GigE)		☐ PCIe Card*		☐ 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.

<table>
<tr><td rowspan="6">Hardware Information</td><td colspan="2"></td><td colspan="2"></td></tr>
<tr><td colspan="2">☐ Input</td><td colspan="2">☐ Output</td></tr>
<tr><td colspan="2">Source / Sink IC</td><td colspan="2"></td></tr>
<tr><td colspan="2">Video connector type</td><td colspan="2"></td></tr>
<tr><td colspan="2">Pinning of video connector:</td><td colspan="2"></td></tr>
<tr><td colspan="2">Power supply of UUT via video cable:</td><td>Yes ☐</td><td>No ☐</td></tr>
</table>

Video Parameters			
Pixel clock:		
Image width:		
Image height:		
Frame rate:		
Horizontal Sync Polarity:	☐ High	☐ Low
Vertical Sync Polarity:	☐ High	☐ Low
Data Enable Polarity:	☐ High	☐ Low
Pixel Clock Polarity:	☐ High	☐ Low
Lock Output Enable:	☐ High	☐ Low
Lock Polarity:	☐ High	☐ Low
Video format:		
Number of video channels per stream:		

Sideband Communication

HDCP:	☐ Yes	☐ No
I^{2}C:	☐ Yes	☐ No
UART:	☐ Yes	☐ No
SPI:	☐ Yes	☐ No
MII:	☐ Yes	☐ No
CAN:	☐ Yes	☐ No

Chip dependent Information

Maxim

GMSL Version:	☐ GMSL I	☐ GMSL II	☐ GMSL III
Bus Width:	☐ 24 bit	☐ 32 bit	☐ 64 bit
Additional Information:			