

GMSL board [Preliminary]

Applies to AVerMedia's D317/D315 series

Feature

- 2x Mini FAKRA to support 8x GMSL camera (Via FAKRA cable)
- POC (Power-Over-COAX)
- 120pin Board to Board Connector

Model	GMSL board	
Applicable product	D317	D315
Deserializer	Maxim 96712	
Product Type	120pin Camera Expansion Header Board to Board daughter board	
MIPI Output	1 x 4-lane MIPI CSI-2 v1.3 output from each Deserializer (16-lanes total) Via 120pin camera expansion board to board connector	
Camera Input Connectors	<ul style="list-style-type: none"><li>• 2x Mini FAKRA</li><li>• Option: Breakout cables to FAKRA available (MKA4FZ-174U-FKMZ1-23-01)</li></ul>	
POC (Power-Over-COAX)	All 8 cameras will be sourced Power-Over-COAX from D317	
Power	can be directly powered from Camera Expansion Header	External +12V Input
Mechanical	Dimensions: 80.8mm x 49mm (TBD)	
Temperature	Operating temperature: -40°C to 85°C (TBD) Storage temperature -40°C ~ 85°C (TBD) Relative humidity 40 °C @ 95%, Non-Condensing	