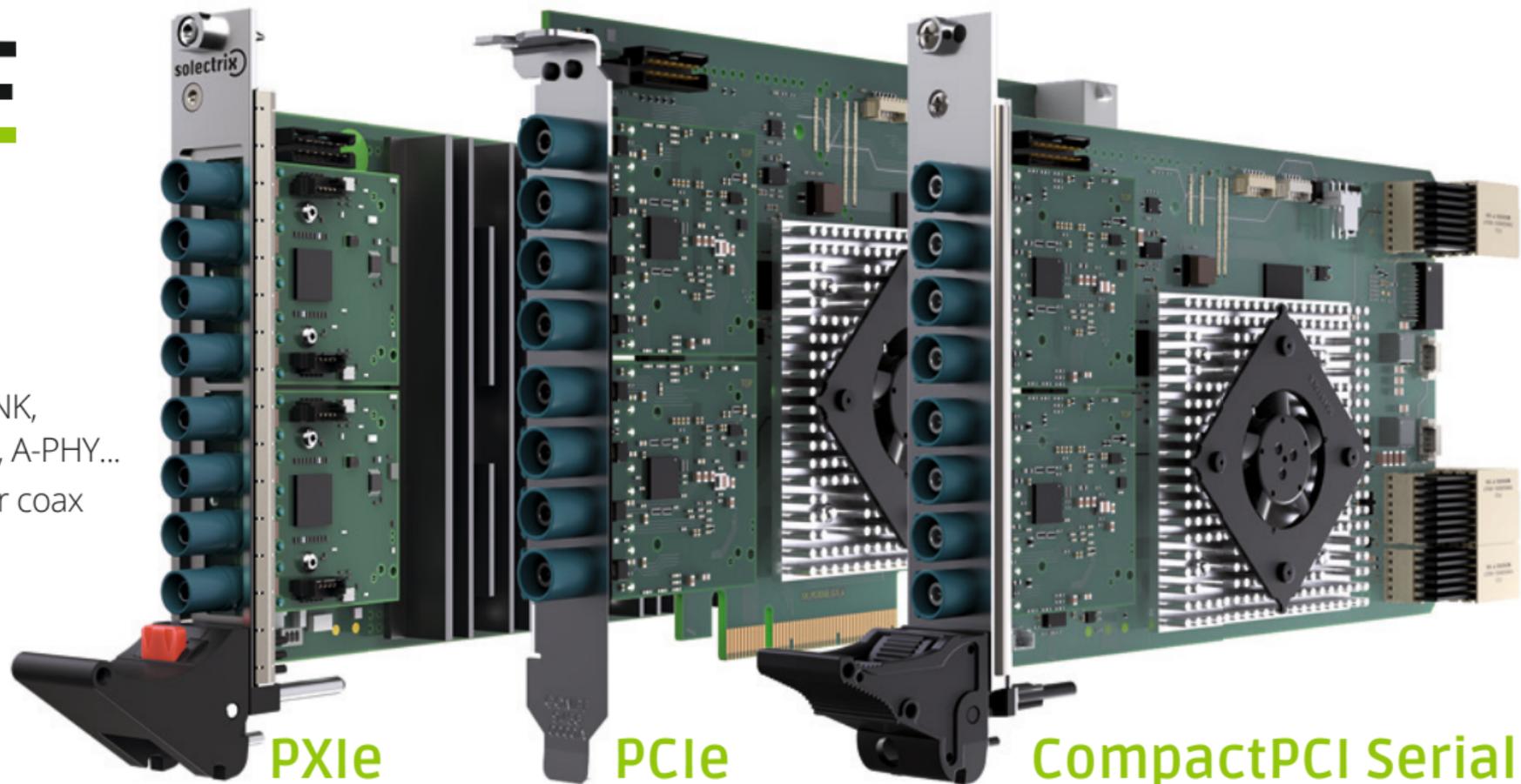


proFRAME

- + Capture up to 8 camera video streams in 4K
- + Replay up to 8 video streams in 4K
- + Support for GMSL, FPD-LINK, ASA-ML, GVIF, HDMI, CSI-2, A-PHY...
- + Camera power supply over coax
- + IPC messaging
- + External trigger interface



PXIe

PCIe

CompactPCI Serial

System Setup Example

proFRAME

Customer Data
Source / Target

proFRAME
Camera Adapters

proFRAME
Base Board

Host with proFRAME
SW library & drivers



Areas of Application



Automotive

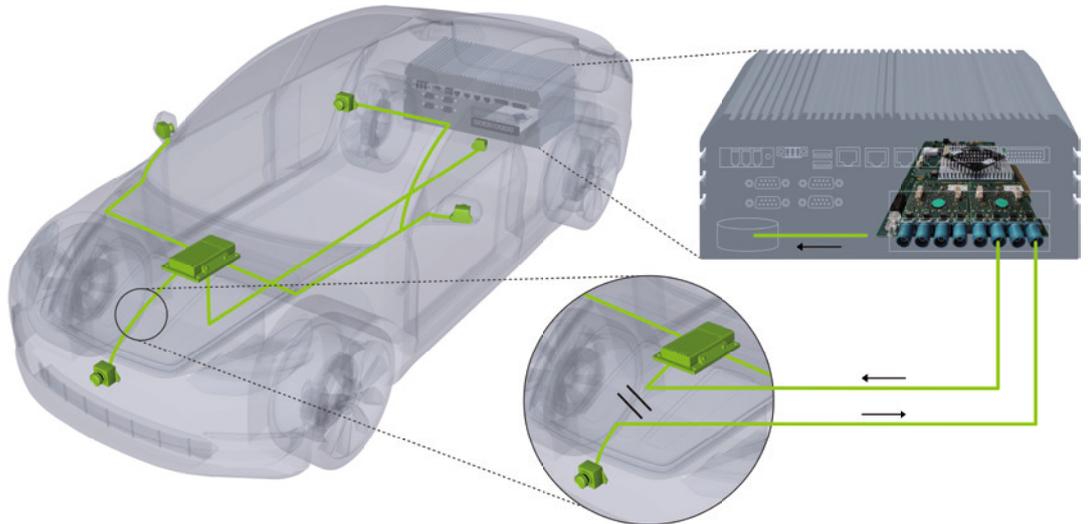


Medical



Industrial

- + Video data capture
- + Video data replay
- + Hardware in the Loop (HiL), e.g. for ADAS/AD ECU validation
- + Real-time video processing
- + Camera development
- + R&D platform for ISP development



Use case example „validation of ADAS/AD functions“:
proFRAME as „man in the middle“ in a data logging system.

Accessories

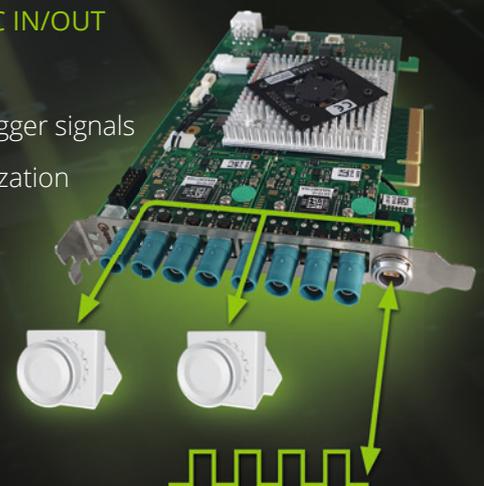
proFRAME 3.0 Thunderbolt 3 Box

- + Use your proFRAME with host systems without a free PCIe slot
- + Product: Echo Express SE IIIe from Sonnet Technologies



proFRAME 3.0 SYNC IN/OUT (or DUAL IN)

- + Send or receive trigger signals
- + Camera synchronization
- + Synchronized time stamping



Available Adapters

www.proframe.de + www.solectrix.de

All adapters come with Rosenberger FAKRA connectors. Rosenberger H-MTD connectors for STP cables are available on request.

Interface	Adapter	Inputs	Outputs	Deserializer	Serializer
A-PHY	camAD3 DUAL VA7031/7042A	2	2	2× Valens VA7031	1× Valens VA7042A
ASA Motion Link	camAD3 QUAD VS775S (4xIN)	4	-	4× Microchip VS775S	-
	camAD3 QUAD VS775S (2xIN/2xOUT)	2	2	2× Microchip VS775S	2× Microchip VS775S
CSI-2	camAD3 QUAD I-PEX IN	4	-	-	-
FPD-Link IV	camAD3 DUAL TI9702	4	-	2× Texas Instruments DS90UB9702-Q1	-
	camAD3 DUAL TI971/9702	2	2	2× Texas Instruments DS90UB9702-Q1	2× Texas Instruments DS90UB971-Q1
FPD-Link III	camAD3 DUAL TI953/954	2	2	2× Texas Instruments DS90UB954-Q1	2× Texas Instruments DS90UB953-Q1
	camAD3 DUAL TI954	4	-	2× Texas Instruments DS90UB954-Q1	-
GMSL3	camAD3 DUAL MAX96792A	4	-	2× Analog Devices MAX96792A	-
	camAD3 DUAL MAX96793/96792A	2	2	2× Analog Devices MAX96792A	2× Analog Devices MAX96793
GMSL2	camAD3 DUAL MAX9296A	4	-	2× Analog Devices MAX9296A	-
	camAD3 DUAL MAX96716A	4	-	2× Analog Devices MAX96716A	-
	camAD3 DUAL MAX9295/9296A	2	2	2× Analog Devices MAX9295	2× Analog Devices MAX9296A
	camAD3 DUAL MAX96717/96716A	2	2	2× Analog Devices MAX96716A	2× Analog Devices MAX96717
GMSL1	camAD3 DUAL MAX96705/96706	2	2	2× Maxim Analog Devices MAX96706	2× Analog Devices MAX96705
GVIF3	camAD3 DUAL CXD4966/4967	2	2	2× Sony CXD4966	2× Sony CXD4967
HDMI	camAD3 LT9611UXC/6911UXC	4	-	1× Lontium LT6911UXC	1× Lontium LT9611UXC