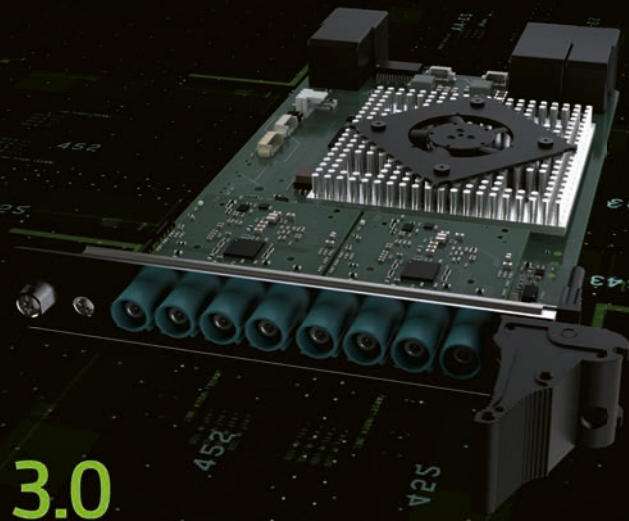


Modular Video Grabber & Playback System

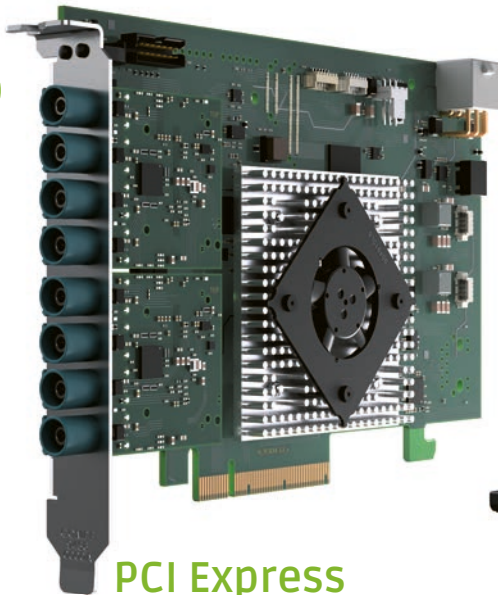
soletrix
high end electronics solutions



pro **FRAME** 3.0

proFRAME 3.0

- + Capture up to 8 camera video streams in 4K
- + Replay up to 8 video streams in 4K
- + Support for GMSL2 and 3, FPD-Link III and IV, GVIF3, CSI-2
- + Camera power supply over coax
- + I²C messaging
- + External trigger interface



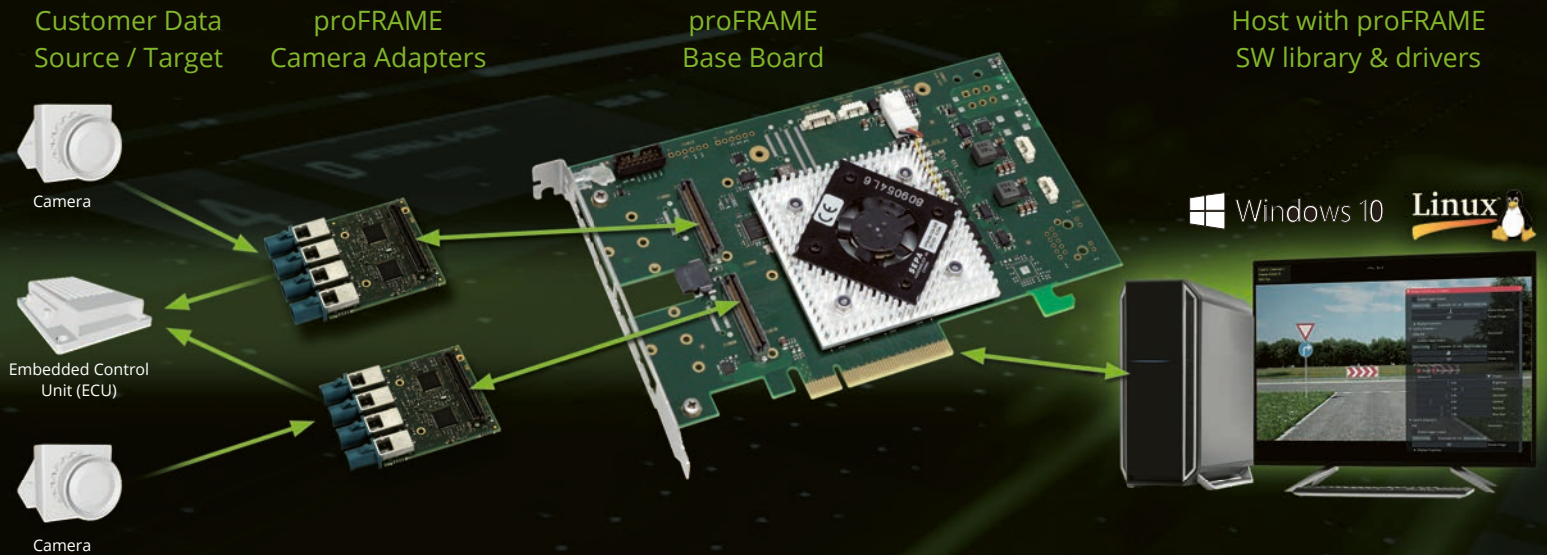
PCI Express



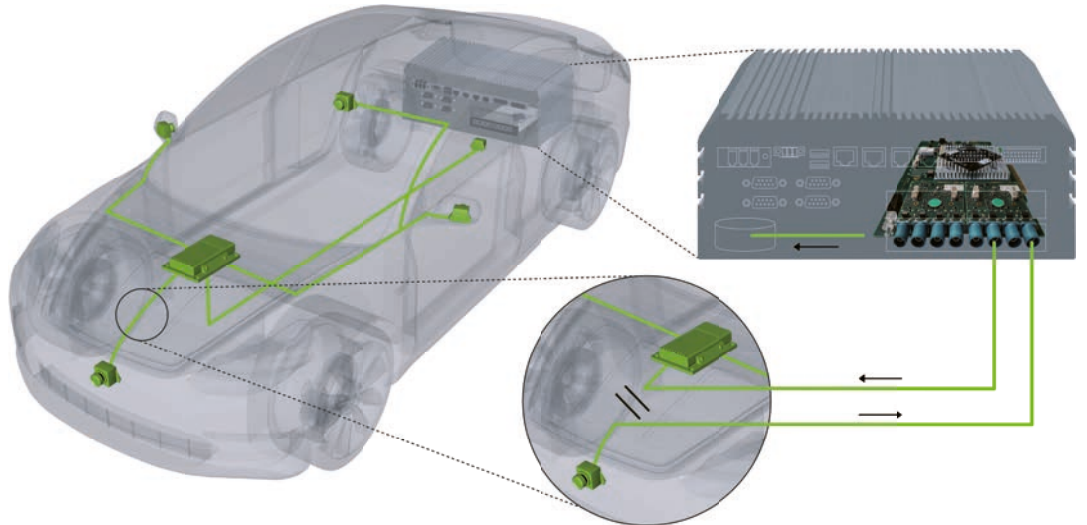
CompactPCI Serial

System Setup Example

proFRAME 3.0



Areas of Application



- + 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

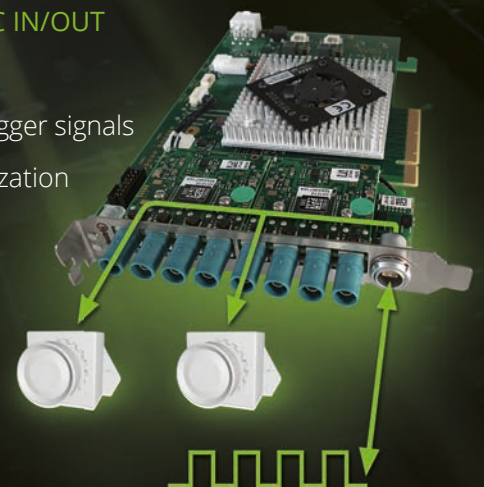
proFRAME 3.0 Thunderbolt 3 Box

- + 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. Need more? Get in touch with us and have a custom adapter developed to suit your individual project needs!

Interface	Adapter	Inputs	Outputs	Deserializer	Serializer
ASA Motion Link	camAD3 QUAD VS775S (4xIN)	4	-	4x Microchip VS775S	-
	camAD3 QUAD VS775S (2xIN/2xOUT)	2	2	2x Microchip VS775S	2x Microchip VS775S
CSI-2	camAD3 QUAD I-PEX IN	4	-	-	-
FPD-Link IV	camAD3 DUAL TI9702	4	-	2x Texas Instruments DS90UB9702-Q1	-
	camAD3 DUAL TI971/9702	2	2	2x Texas Instruments DS90UB9702-Q1	2x Texas Instruments DS90UB971-Q1
FPD-Link III	camAD3 DUAL TI953/954	2	2	2x Texas Instruments DS90UB954-Q1	2x Texas Instruments DS90UB953-Q1
	camAD3 DUAL TI954	4	-	2x Texas Instruments DS90UB954-Q1	-
GMSL3	camAD3 DUAL GMSL3 (4xIN)	4	-	4x Maxim GMSL3	-
	camAD3 DUAL GMSL3 (2xIN, 2xOUT)	2	2	2x Maxim GMSL3	2x Maxim GMSL3
GMSL2	camAD3 DUAL GMSL2 (4xIN)	4	-	4x Maxim GMSL2	-
	camAD3 DUAL GMSL2 (2xIN, 2xOUT)	2	2	2x Maxim GMSL2	2x Maxim GMSL2
GMSL1	camAD3 DUAL MAX96705/96706	2	2	2x Maxim MAX96706	2x Maxim MAX96705
GVIF3	camAD3 DUAL CXD4966/4967	2	2	2x Sony CXD4966	2x Sony CXD4967
HDMI	camAD3 LT9611UXC/6911UXC	4	-	Lontium LT6911UXC	Lontium LT9611UXC