

technical specification

Model:	A/D channels	Resolution	Samplerate	Inputrange
HS 100	4	16 Bit	100 kHz	±10V, ±5V
HS 225	6	16 Bit	225 kHz	±10V, ±5V
HS 1250	4	16 Bit	1.25 MHz	±10V, ±5V
HS 2000	2	16 Bit	2.0 MHz	±10V, ±5V
HS Audio-Vib	4	24 Bit	52 kHz	-----
Interface				
Interface	USB 2.0			
Dimension				
Dimension	125 x 67 x 250 mm (W x H x L)			
Digital Inputs				
Digital Inputs	15			
data format				
data format	dcf, ASCII			
Video input				
Video input	bmp sequence, OPT*, avi			
Video output				
Video output	avi or image seq. (video or video with data overlay)			
Trigger input				
Trigger input	TTL or switch			
Camera clock				
Camera clock	TTL			

* Optronis CamRecord file format

Laptop/PC system requirements

OS	Windows XP professional, SP2
USB	2.0
RAM	min. 512 Mbyte
Disk space	min. 100 Mbyte



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frame synchronous data
 acquisition for high speed cameras

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sync. and trigger-signals



Expand the field of application for your high speed camera system.

Suitable for all cameras with trigger and precise synchronisation input.



High speed video camera recording helps analysing procedures and processes and is essential for understanding them. Unfortunately it is not common to collect the evaluation relevant measurement data produced by the sensors in absolute synchrony with the high speed camera, and evaluate them frame synchronously.

HighSync closes this gap and offers new methods for the analysis of fast processes. The measuring of data can be conducted with up to 2 MHz according to design. The unit triggers the high speed camera with all necessary start and synchronisation signals. Customized measurement options are on offer.

HighSync 2.6

a new horizon for your high speed camera