

Synch/Box™

for

Data Acquisition
&
High Speed Vision

Digital Synchronization Control

Spica Technology Corporation's **SYNCH/BOX™** is a digital solution to precisely synchronize cameras and external analog signal sources for data acquisition and motion analysis purposes.

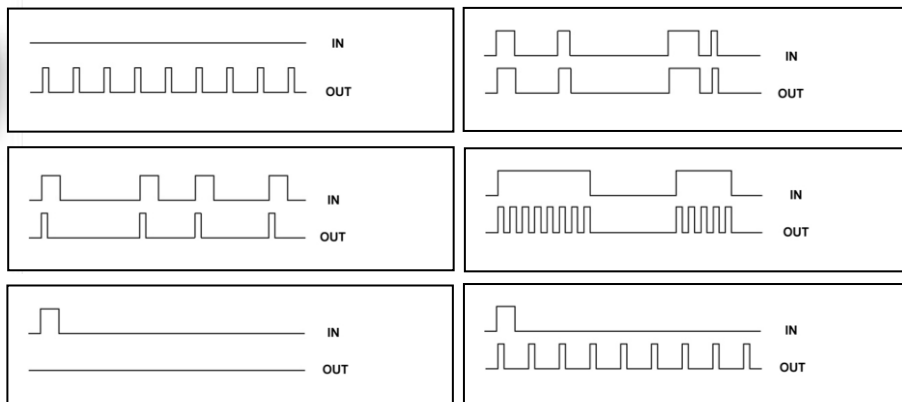
The **SYNCH/BOX™** supports 16 fully independent frequency generators, and is capable of receiving external triggers from 4 separate sources.

The system is controlled internally by a user programmable onboard FPGA, with independent channel to channel trigger and delay configurations.

The compact size conveniently mounts inside your computer in a 5.25 inch slot. Please contact Spica Technology Corporation for additional information.

Technical Specifications

Number of Channels Out	16 Independent
Number of Channels In	4 Independent
Synch Frequency	Each channel from 0 to 1 MHz in 1 Hz increments
Synch Propagation Delay	Less than 10 ns
Processor	Xilinx Spartan-6 Series
Integration	Spicatek Motion/Server™
Power	12V DC from Computer
Chassis	Ruggedized Anodized Aluminum 6061
Mechanical Dimensions	203 x 146 x 41.5 [mm]
Weight	3.5 [kg]
Software	DMAS Synch or SDK



Challenge us with your requirements™



<http://www.spicatek.com>

808-280-8659 jmb@spicatek.com