AOS Technologies AG

AOS High-G Camera Switch for up to 12 cameras

The AOS High-G Camera Switch connects up to 12 cameras and provides link to PC. It is ideal for applications where multiple cameras must run synchronized (phase locked) to either a master camera or external frame frequency. With up to 12 cameras and all necessary external signals the High-G Hub offers an economical solution for multi camera operation.

# of Camera Ports	12 ports for camera for all signals, one single lockable LEMO
Camera Connectors	Lockable LEMO connector, 19 pin bearing all signals and power to camera
Discrete signals	- REM ON: Closing contact for remote switch on of cameras - SET-TO-REC: Set cameras into recording mode - TRIGGER: Feeds trigger to all cameras - SYNC IN/OUT: Synchronization in/out of master camera for phase lock operation of cameras - STROBE: Output to synchronize strobe illumination such as LED lights
Synchronization	Camera port#1 is master (factory default). All other cameras are automatically phase locked in to master camera. Alternative (set by jumper inside High-G switch): All cameras are in slave mode and locked in to external Sync Signal.
High-G operation	100g / 15msec all axes, spikes up to 200g
Dimensions	W:210 H:75 L:135mm / 1.8kg (4 lbs)
Tech specs	Power consumption: 250W Power input range: 10-30VDC (no 100-240VAC power supply included, order separately) all cables to be ordered separately
High-G Camera Switch	AOS# 3205012: High-G Camera Switch *Note: order cables and power supply separately.*
Cables (AOS cameras)	AOS# 2300132-050: 5m Cable, single 19pin LEMO connector and split end 14pin LEMO straight / lockable RJ45 on camera side AOS# 2300132-075: 7.5m Cable, single 19pin LEMO connector and split end 14pin LEMO straight / lockable RJ45 on camera side AOS# 2300132-100: 10m Cable, single 19pin LEMO connector and split end 14pin LEMO straight / lockable RJ45 on camera side
Power Supply	AOS# 31U1001: Power supply 100-240V / 12V / 250Watt
Standards	Uplink: meets specifications of "German Arbeitskreis"