



8-channel separator AHD HD-CVI, HD-TVI and surge protector with power supply distribution

LHSO-8R-EXT-FPS

LHSO-8R-EXT-FPS is a 8-channel protection panel, mounted in 19" rack cabinet. It is dedicated to the installation of high definition CCTV, based on HD-CVI, AHD and HD-TVI standards. It is a multifunctional device designed to facilitate connection and arrangement of large amounts of coaxial cables as well as protection against overvoltages and lightning.

Power distributor - optionally mounted LKO-FPS circuit board supplies individual power to each camera by separate circuit breakers. This protects the CCTV system before the total neutralization, by a short circuit in power line in one of any of the channels. Power status of each channel is indicated by LEDs and when there is short-circuit it additionally make a sound(buzzer).

Created in this way the central power system can be easily equipped with an emergency power supply based on the buffer power supply units.



Specification:	
Video chanel	8
Impedance	75 Ohm
Input connector (Line)	Low-loss screw terminal
Output connector (Device)	BNC female connector
Bandwidth	50MHz
Attenuation	0,5dB
Power distribution	8 channels 12V or 24V power
Galvanic separation	800V DC
Surge protection	Gas Tube, transcient, MOSFET fuse
Protection Line-ground	Gas tube 90V, 2x10kA @ 8/20uS
Protection line-line	Transcient diode 5V, 15A @ 8/20uS
Capatciance of protection circuit	ok. 10pF
Surge protection response time	1nS
MOSFET response time	1uS
Operation temperature	-40°C do +60°C
Dimensions	Rack 19" / 1U