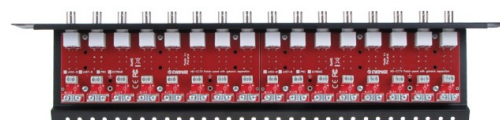




16-channel converter UTP and separator for AHD, CVI-HD, HD-TVI and surge protector

LHST-16R-EXT

LHST-16R-EXT is a 16-channel protection panel, mounted in 19" rack cabinet integrated with high-quality UTP Baluns (converters) to transmit Video via 2-wire line. It is dedicated to 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 lightning surges and atmospheric discharges.



Passive transmission via 2-wire line - a built-in high-quality UTP Balun, matches the impedance of the 75 Ohm coaxial cable. Video HD signal transmission via twisted pair reduces the cost of CCTV installation without any visible loss of image quality. The panel works with, available at Ewimar, simple passive 1-channel TR-1F-HD converters - as well as models equipped with an effective surge protection: HDT-1F-PRO and HDT-1F-EXT and panels from multi-channel LHD and FKT-HD series



Specification:	
Video channels	8
Impedance	75 / 100 Ohm
Input connector (Line)	Low-loss screw terminal
Output connector (Device)	BNC female connector
Bandwidth	50MHz
Attenuation	0,5dB
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