

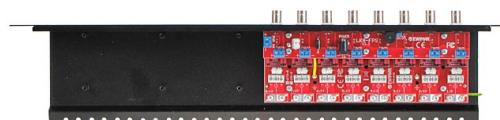


## 8-channel surge protection to UTP and coaxial cable

### LHD-8R-EXT

**LHD-8R-EXT** is rack mount system designed to protect CCTV instalations from lightnings, electrostatic overvoltages and vandalism.

**LHD** series is universal for UTP twisted pair and coaxial cable. You can choose which one will be connected by switching jumpers on PCB (Coaxial / UTP). It's a perfect solution for installations with different types of cables.



The device include high quality converter (transformer), change impedance UTP to coaxial cable. The device dedicated is to transmission signal high frequency, which using to transmission Video HD in systems AHD, HD-CVI, HD-TVI / Turbo HD. Converter uses a high quality inductance of amorphous core, with linear characteristic allows signals move to 42Mhz.



| Specification:                  |                                         |
|---------------------------------|-----------------------------------------|
| Channel Video                   | 8                                       |
| Impedance UTP                   | 75 Ohm                                  |
| Impedance BNC                   | 100 Ohm                                 |
| Connector input (line)          | Socket srew                             |
| Connector output (device)       | Wire with male BNC                      |
| Frequency response              | 42 MHz                                  |
| Tłumienie                       | 0.2dB                                   |
| Protect                         | 3 - Air ionizing, gas tube, fuse MOSFET |
| Protect line-ground             | Gas tube: 90V, 2x10kA @ 8/20uS          |
| Protect line-line               | Transcient bridge: 6V, 100A @ 8/20uS    |
| Maximum level overvoltage       | 4kV                                     |
| Capacity                        | Maximum 4pF                             |
| Range transmission AHD (max)    | 720p: 320m<br>960p - 250m               |
| Range transmission HD-CVI (max) | 720p: 450m<br>1080p - 250m              |
| Range transmission HD-TVI (max) | 960p: 250m<br>1080p - 250m              |
| Dimension                       | 1U rack 19"                             |