

S1000J12D

S1000J12D 基本电路图
S1000J12D Basic circuit diagram

网络视频监控二合一防雷器是专门为使用RJ45网络端口进行视频信号传输的监控摄像机设计的防雷器,本产品分为视频和电源两部分,其中的网络端口传输的是视频信号。本产品主要应用于使用12V直流供电固定摄像机的电源和视频端口的浪涌防护。

本产品采用ESD和故障自恢复技术,对信号和电源部分全面保护。同时本产品采用特殊的接地隔离设计,完全避免了接地串扰的影响,使后端设备运行更加稳定、安全。

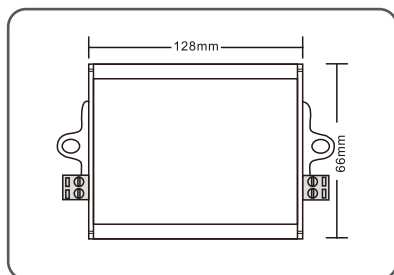
The 2 in 1 IP camera lightning arrester is a lightning protection device especially designed for video monitor which uses the RJ45 port for monitor signal transmission. The product includes two sections, the video and power supply, and the RJ45 parts transmit the video signal.

The product has applied the ESD and the malfunction self-recovery, which can provide thorough protection for signal and power supply. By the mean time, with the special touch-ground isolation design, it can avoid the influence of ground crosstalk, thus making the operation more stable and safer.



S1000J12D

Type	型号	S1000J12D		
		电源/Power		视频信号/Video signal
Nominal operating voltage	额定工作电压	Un	12V DC	5V DC
Max. Continuous voltage	最大持续工作电压	Uc	30V	8V
Nominal discharge current(8/20 μ s)	标称放电电流(8/20 μ s)	In	5kA	1kA
Max. discharge current (8/20 μ s)	最大通流量(8/20 μ s)	I _{max}	10kA	2kA
Voltage protection level	保护水平	Up	130V	37V
Response time	响应时间	t _A	25ns	1ns
Rates	传输速率		—	10-100-1000Mbit
Protection ports	端口		Connecting screw/压接端子	RJ45
Operating temperature range	工作温度范围	T	-40°C ~ +80°C	
Outer casing protection grade	防护等级		IP20	
Mounting on	安装支架		Custom (自定义)	
Enclosure material	外壳		Aluminum casing (铝制外壳)	
Test standards	测试依据		GB18802. 21-2011	



S1000J12D 尺寸图
S1000J12D Dimension diagram

通流量大，电压保护级别低

High discharge capacity, low voltage protection level

快速响应

Quick response

摄像机电源和视频信号两路综合保护

Integrated protection for power supply line and video signal line of the camera

核心器件全部采用国际知名的RUILON品牌

All the core components are from international famous brand Ruilon