

# CCTV LIGHTNING PROTECTION

## STORM32 19" RACK MOUNT LIGHTNING PROTECTION

The STORM32™ has a chassis that can facilitate up to **16 lightning protection cards, each with 2 channels**. This means that each chassis can facilitate up to **32 cameras; a cost and space saving** creation.

- The chassis can be populated with cards in any variety of 2
- Each card has its own handle for **fast and easy slotting** in and out of the chassis.
- The cards are **fused** to isolate the input from the output when a strike occurs. The loss of video feed after a strike will alert that the card needs to be replaced.
- There is a jumper for added protection when used with certain cameras.
- The cards can be ordered with a **power booster** for added protection.
- The cards are available in an economic version ex fusing and some peripherals
- The chassis can be **desk mount**.
- Soon to launch Data (RS232, RS485) and LAN cards, designed to fit into the same 19" rack mount chassis.



LIGHTNING PROTECTION CARDS



## 9 STAGES OF LIGHTNING PROTECTION

- **Flash over stage**
- **Both lines are fused**
- **Both lines have 90v GDT**
- **Both input and output lines have surge resistors**
- **Combination sidactor and transorb between both lines**
- **Jumper/switch for early earth connection**
- **Combination transorb and bridge rectifier**
- **Over voltage protection**
- **Reverse voltage protection**

## STORM1 SINGLE UNITS FOR VIDEO OR VIDEO AND POWER

- The **STORM1™** unit employs the same technology described above.
- It is compact with a design still large enough to prevent flash-overs to unprotected areas of the circuit.
- The unit that protects both video and power **has a LED to indicate when lightning has hit the power side of the lightning protection**.
- There is a changeover switch for added protection when used with certain cameras.
- You can order this unit with a **power booster** for added protection.
- This unit is available in an economic version ex fusing and some peripherals.

