SPHERE SYSTEMS

DATASHEET
FACILITY/SECURITY RANGE



DP44 NETWORK PROCESSOR

The DP44 is a network processor for controlling a network of Minicoms and/or Doorcoms. It acts as the Network Gateway from the Ethernet network to the Sphere RS485 network of field processors.

The DP44 handles all the messaging between field processors. It also is responsible for alarm pre-processing and will do automatic emails to clients or paging systems. Alarm conditions are also sent to the Sphere Server for display to the operator.

The DP44 can be powered from a 24VAC supply and provide a 12VDC output for powering other modules. A 12V lead-acid battery can also be connected across these terminals while the system is powered from a 24VAC source. The Controller contains circuitry to charge a 7Ah battery.

SPECIFICATIONS

Physical	
Width	35mm (1.37")
Length	101mm (3.97")
Height	119mm (4.68")
Mounting	DIN Rail
Degree of Protection	IPXX

No need for fans, heat sinks, or heat dissipation methods

Connections	
Power Supply	24VAC~ IN/ 12VDC IN/OUT
Processor	Low-EMI Rabbit® 3000 at 22 MHz
Flash Memory	512KB
SRAM	1MB
Serial Ports	1x RS232 1x RS485
Ethernet Port	10Base-T Interface RJ-45, 2 LEDs