



ViSTA Networking Solutions

Power+Media Controllers

Power+Media Controllers (PMC) provide an integrated camera power supply and networking interface solution for IP based video surveillance systems. Each PMC can provide enough power to feed 4 cameras, including PTZ hardware and heater/blower units used in some camera dome assemblies, as well as a network interface for these cameras. These boxes are rugged weatherproof enclosures that are ideal for both indoor and outdoor applications. Constructed from molded reinforced polyester, they are well suited for high temperature or corrosive environments. These boxes can be pole mounted as well as mounted to a flat surface. They feature a stainless steel continuous hinge, quick release latches with padlock hasps and have a full gasket within a raised lid. PMCs are made from UV stabilized material and are available in Cat 5/6, Fibre and Wireless connectivity configurations.

Applications and Features

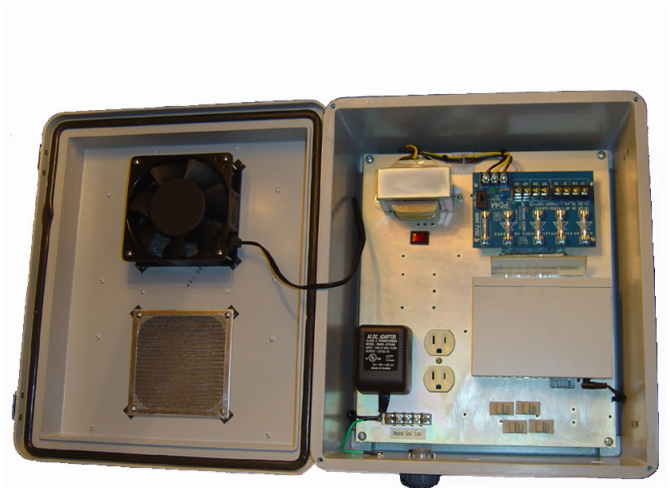
Applications:

- Media Conversion: Analog to Digital, Cat 5/6 twisted pair to Fibre
- Power conversion for CCTV cameras, heaters, and other video accessories.
- Indoor and Outdoor installations
- Corrosive environments
- Hot temperature environments
- Protection of equipment from theft or damage
- Multi-camera aggregation
- Repeater for long Cat 5/6 cable runs
- Wireless applications



Features:

- NEMA type 3R / IP42 rated
- Stainless steel quick release latches with padlock hasps
- Fully gasketed raised lid and integral mounting flange
- Thermostat controlled cooling fan
- Optional solid state dual set point temperature controller available
- Removable filter
- Four (4) 110 Volt AC Outlets
- Four (4) fuse protected low voltage (AC or DC) outputs
- Five (5) Port Media Input/Outputs
- Strain relief/cable management



Common Configurations:

- 5 port 10/100 Ethernet Cat 5/6 (in) to 10/100 Ethernet Cat 5/6 (out) with 4 24V AC Camera outputs.
- 4 port 10/100 Ethernet Cat 5/6 (in) to 100 Base-FX Fibre (out) with 4 24V AC Camera outputs.



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Specifications:

Voltage	110 Volts AC
Outside dimensions	15.5 x 13.5 x 8.7 inches (39.3 x 34.2 x 22 cm)
Inside dimensions	13.5 x 11.5 x 5.8 inches (34.3 x 29.2 x 14.7 cm)
Weight	12.3 lbs (5.6 kg)
Flame rating	UL 94-5V
Ratings	Nema 3R / IP42
Enclosure material	Fiberglass Reinforced Polyester
Connection points	½" and ¾" cable conduit connectors
Power ON/OFF switch	Pre and post low voltage
AC power LED indicator.	110 AC and low voltage
Surge suppression.	Low Voltage
RJ45 connections	802.3 Ethernet, 802.3u Fast Ethernet, 802.3x Flow Control
	10BASE-T, 100BASE-TX Universal UTP Cable Recognition for Straight- through or Crossover cables
Diagnostic LEDs	Per Port: Link/Activity, 10/100Mbps Collision
Packet Buffer Memory	512Kbytes Buffer
Transmission Method	Store-and-forward Per Unit: Power
MAC Address Table Size	2K
Fibre Connection	Single/Multi Mode, 62.5 Micron, SC/ST Complies with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX, 100Base-FX standards.
	Supports full-duplex flow control (IEEE 802.3x).
	Back pressure flow control in half duplex mode
Diagnostic LEDs	Per Port: Link/Activity, 10/100Mbps Each TP port supports auto-negotiation, auto-sensing, and Auto MDI
	Full/Half duplex selector switch fiber port.
Transmission Method	Store-and-forward
MAC Address Table Size	1K Automatic MAC address learning and aging