



UN2412 UTP Power Supply

i3 Part# UN2412



Features

- Rackmount / Wallmount Capable
- Supplied Voltage: 110 V~240 VAC (optional)
- Power Output to Cameras: 24 VAC, 60 Hz
- UTP Video, Data and Power

Application & Benefits

i3 International's innovative power supply, the UN2412 is designed for convenience and easy installation. Equipped with 16 RJ45 Connectors and functioning as video and power in one, the UN2412 simplistic design is intended for better wire management and organization. Utilizing CAT-5e, each camera can receive 24VAC power, video over unshielded twisted pair (UTP), and RS-485 for communication. Also, the UN2412 accepts 16 of RJ45 connections from 16 analog cameras. When switching to an IP solution in the future, your wire infrastructure is ready without any added cost!

With speed and simplicity in mind, the UN2412 will convert 16 analogue camera UTP signals to regular video cable using BNC connections. However, when using any one of our i3 International hybrid servers, the UN2412 simply connects with one cable, the DB25. The UN2412 produces a generous 16 AMP for your 16 camera system. Each power output is equipped with one PTC (Positive Temperature Coefficient) resettable fuse, giving your camera the utmost security from unforeseeable power surges. Also as an added protection, the UN2412 comes with two global fuses; one for each 8 camera input. The UN2412 is built for all i3 international UTP camera lines making it the top choice of technicians!

To learn more about our complete line of products, please visit our website or contact our customer care department at 1.866.840.0004.



International Standards
Organization Registered Firm
ISO 9001 Quality System

CANADA | 780 Birchmount Road, Unit 16, Scarborough, ON, M1K 5H4
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1.866.840.0004

www.i3international.com

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For design help, accessories or pricing, please contact:
sales@avsupply.com or call: 1-858-565-1101

AUDIO VIDEO SUPPLY

1-800-284-2288 sales@avsupply.com
www.avsupply.com

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Connectors	
Video/Power/Data from Camera	16 RJ45 Connectors
Control Data Input Port	4 Terminal Blocks (to controller)
Video Output	DB25 Connector (DB25-DB25 Male Cable included) + (DB25-BNC)
Auxiliary Power Output	2 Terminal Blocks
Power Input	2 Terminal Blocks
RJ45 Pinout	Pin1: Video + Pin2: Video - Pin3: Data + Pin4: Power + Pin5: Power + Pin6: Data - Pin7: Power - Pin8: Power -
Electrical	
Supply Voltage	110 V~240 VAC (optional)
Power Output to Cameras	24 VAC, 60 Hz
RJ45 max load (each port)	24 VAC (1A) to cameras
Total Power Output Rating	12A
Data Transmission	RS485
Impedance - RJ45 Connectors	100 Ohms
Wiring Recommendation	CAT 5 UTP (UL approved)
Mechanical	
Mounting	RackMount
Assembly Height	2.5 U
Weight	Approx 16 lbs
Dimensions	111x483x
Material	Metal
Color	Black
Environmental	
Operating Temperature	5C~40C
Humidity	0~95% (non-condensing)

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