

## DESCRIPTION

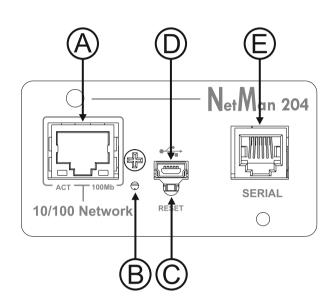
NetMan 204 is a device that allows UPS management through a LAN (Local Area Network); the accessory supports all the main network protocols (SNMP v1 and v3, TCP/IP, HTTP and so on) and is compatible with Ethernet 10/100Mbps IPv4/6 networks. The UPS can therefore be integrated easily into medium and large-sized networks.

The device also records UPS values and events in the history log archive and can manage optional environmental sensors (not supplied with the device, but provided separately)



NOTE: for the comprehensive user manual refer to the CD-ROM supplied.

#### FRONT PANEL



A: Network port

B: Led

C: Reset button

D: Micro-USB port

E: Serial port

**Network port** 

NetMan 204 connects to 10/100 Mbps Ethernet networks by means of connector RJ45. The LEDs built into the connector describe the status of the network:

SOLID YELLOW: NetMan204 has detected a valid link. FLASHING YELLOW: NetMan204 is receiving or transmitting data packets.

Right LED

SOLID GREEN: NetMan204 is connected to a network operating at 100 Megabits per second.

# Micro-USB port

NetMan 204 makes available an USB communication port through which it is possible to configure it (see paragraph "Configuration via USB").

## Serial port

NetMan 204 makes available a serial communication port to which you can connect environmental sensors (not supplied with the device, but provided separately) or a modem (not supplied with the device) for UPS teleservice.

## Led

This led describes the status of NetMan 204:

- SOLID RED: NetMan 204 is not communicating with the UPS (verify PRTK Code). FLASHING RED: the DHCP server does not have assigned a valid IP address to NetMan 204.
- OFF: regular working.

# Reset button

The reset button allows to restart the NetMan204 or to load a default configuration with a predefined static IP address.

To reset NetMan204: keep press the reset button until the red led start flashing (ca. 2 seconds) and then release it. To load a configuration with predefined static IP address: keep press the reset button; first the led

starts flashing, then turns to solid red (ca. 10 seconds). When the led is solid red, release the reset button and the NetMan 204 will reboot with: IP address: 192.168.0.204

Netmask: 255.255.0.0 SSH service enabled

user

HTTP service enabled

non-volatile memory.

HTTP and SSH service are enabled temporarily without changing the configuration saved in

user

**USERS** 

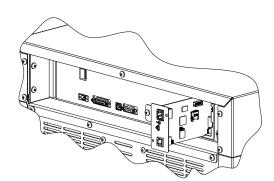
Username	Default password	Privileges
admin	admin	user with right to modify the configuration
fwupgrade	fwupgrade	user with right to upgrade the firmware

user with right to read and download the log files

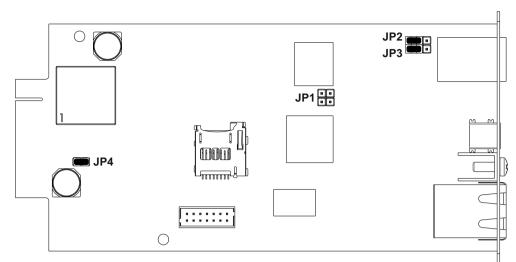
It is possible to access to NetMan 204 with three different users (admin / fwupgrade / user).

#### INSTALLATION

- 1. Remove the cover of the UPS expansion slot by removing the two retaining screws.
- 2. Insert NetMan 204 in the slot.
- 3. Secure Netman 204 in the slot using the two screws removed previously.
- 4. Connect the device to the network by means of connector RJ-45



### **DEFAULT JUMPER SETTING**



## CONFIGURATION

NetMan 204 can be configured via USB, via SSH or via HTTPS.



NetMan204 comes provided as factory default with DHCP enabled and with the following services active: SSH, HTTP, SNMP, UDP and FTP.

In order to change the configuration of NetMan 204, you have to log in as admin (default password "admin").

NetMan 204 needs approx. 2 minutes to become operational from when it is powered up or after a reboot; before this time the device may not respond to commands that are sent to it.

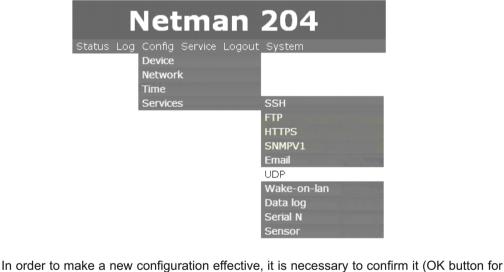
### Configuration via HTTPS

In order to change the configuration via https, you have to insert in your web browser the hostname or IP address of the NetMan204 and then log in as admin (default password: "admin").



The HTTP service uses TLS (transport layer security) in order to provide cryptographic security. However, the certificate used is self-signed and therefore the web browser may prompt a security alert; in this case you can ignore the alert and proceed with the configuration of NetMan204.

Once login has been effected, you can browse through the menus to configure the NetMan 204.





each configuration page changed) and then reboot the NetMan 204 (as required with a popup by your web browser).

#### Configuration via USB To configure NetMan 204 via USB it is necessary to:

connect, with the USB cable provided, the micro-USB port with the USB port of a PC with

- Windows operating system; if not previously installed, install the USB driver present in the bundled CD (after driver
- installation, a virtual COM named "NetMan 204 Serial" will be present in device manager); execute a terminal emulation program with the following settings: 115200 baud, no parity,
- 8 databits, 1 stop bit, no flow control; press the "Enter" key of the PC;
- at the login prompt, enter "admin";
- at the password prompt, enter the current password (default password: "admin").
- During password's typing, no character is shown.



Once login has been effected, the screen of the start menu is displayed. From this screen it is possible to access the various menus to change NetMan 204 settings.

## Configuration via SSH

- To configure NetMan 204 via SSH it is necessary to: execute a SSH client on a PC connected in a network to NetMan 204 set with the IP address
  - of the device to be configured; at the login prompt, enter "admin";
    - at the password prompt, enter the current password (default password: "admin").



During password's typing, no character is shown.

to access the various menus to change NetMan 204 settings.

Once login has been effected, the screen of the start menu is displayed. From this screen it is possible