N-Key

Configuration auto backup, auto upgrade and restore tool for 3 series & above managed switches and routers up to 256 nodes

- *DIP switch for backup, restore, upgrade and USB dongle mode*
- *PoE device conforming to 802.3at/af or 5V DC external power*
- *RJ45 based N-key with optional M12 cable*
- *Up to 256 switch/routers configuration in one N-key*

OVERVIEW

PoE at/af powered device with RJ45 based dongle
Lantech N-Key is a configuration auto backup, upgrade and editable restoration tool for 3 series and above managed switches or routers. With RJ45 to USB dongle, N-key is able to run on PoE power or 5V DC external power for carry away use. Optional M12 cable allows N-key to work on M12 models.

Auto upgrade, auto backup and editable configuration up to 256 nodes
By connecting the RJ45 port of switch / router, users can auto backup the configuration or auto upgrade the firmware, and then take N-key to PC to edit the configuration file for restoring the configuration. One N-key can support up to 256 nodes of backup, upgrade and editable configuration.

Select DIP switch mode, go on the fly
With DIP switch mode setting (backup/upgrade/restore/USB

dongle), N-key can work as easy as plug-n-play making the replacement switch/router up and running in seconds on the field. When a switch or router failure occurs, users can quickly re-install system configuration and recover the entire configuration of the system as well, including IP address.

Industrial design for quick replacement configuration
Able to work with -20C to 60C temperature, N-key is the configuration tool for quick replacement of Lantech switch / router on site without the reach of PC / notebook that can be handled by non-IT technician.

N-Key is designed to meet the demands of industrial environments and has been tested extensively to meet industrial EMI and EMC standards.

FEATURES & BENEFITS

- **RJ45 based dongle support with PoE at/af powered device or 5V external power**
- **4 DIP switch mode for backup/upgrade/restore/USB**
- **Auto backup/ auto upgrade/ editable auto restore configuration**
- **Support up to 256 nodes, as easy as Plug-n-Play**
- **Optional M12 to RJ45 cable for M12 models**
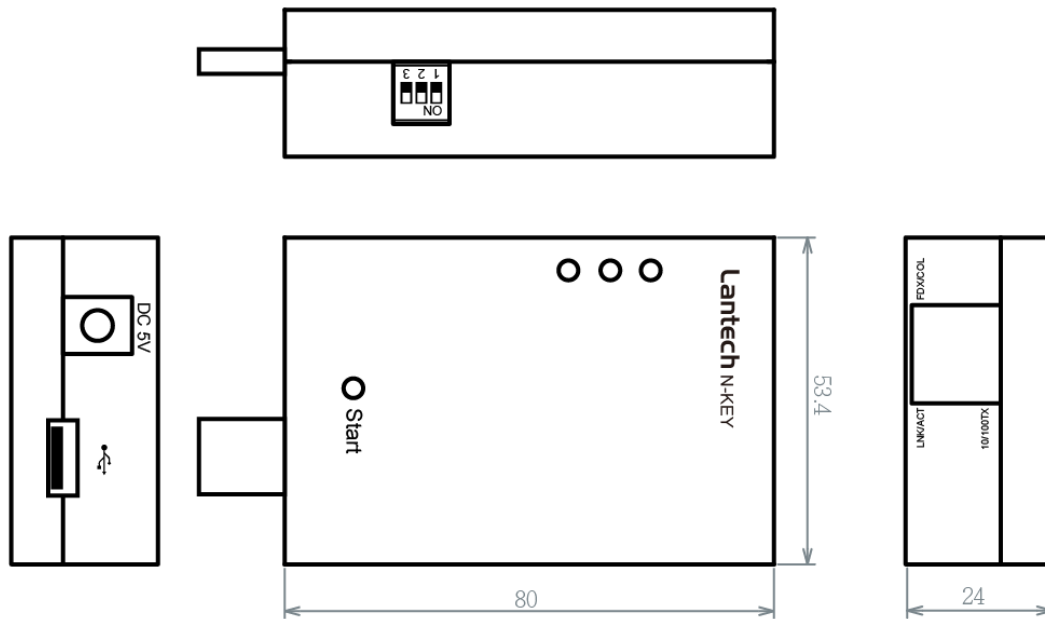- **Operation temperature : -20 to 60C**
- **CE, FCC certification**

SPECIFICATION

Connector	RJ-45 type , USB 2.0
DIP Switch	Selection of backup, upgrade, restore and USB dongle modes
Enclosure	Metal
Dimensions	53.4 (W) x 80 (D) x 24(H) mm
Optional M12 cable length	3Meters (including connector)
Power Input	5 VDC external power or PoE at/af PD
Operating Temperature	-20 ~ 60°C (-4 ~ 113°F)
Storage Temperature	-40 ~ 70°C (-40 ~ 158°F)
Operating Humidity	5 ~ 95% (non-condensing)
Storage Humidity	0 ~ 95% (non-condensing)

EMC	CE, FCC Class A
	EN61000-4-2 (ESD)
	EN61000-4-3 (Radiated RFI)
	EN61000-4-4 (Burst)
	EN61000-4-5 (Surge)
	EN61000-4-6 (Induced RFI)
Warranty	2 years

DIMENSIONS (unit=mm)

ORDERING INFOMATION

- **N-key Configurator……………………..P/N: 8850-100**
  RJ45 connector dongle for auto firmware upgrade, auto backup and editable/auto restore; -20°C to 60°
- **ECAB124030MJS** 4 Pin M12 RJ45 D-coded Male 3 Meters; STP Cable