

## Knet Series

## Embedded Access control

Support up to 32 Doors

RS485 Equipment Compatible

Manage in center, more security

Single-Door Controller Integration

Embedded system, No need Sphinx4



## Specifications

CPU	A8, 8 Core Processor
Cardholder Capacity	1,000,000 credentials
Log Capacity	2,000,000 FIFO Events
Communication	TCP/IP, 100/1000M Based AES128 Encryption
PoE+	POE+, 802.3at
Monitor	HDMI
Power Output	12Vdc, 2A
Backup Battery	Support
DPU Unit / Standalone Lock	4 × RS485, up to 8 pcs DPU501 every RS485 bus
RS485 External Device	1 bus, up to 8 devices
Environment	- 20°C ~ 65°C -4°F ~ 150°F 0-95%RH
Power (non-PoE)	80/240VAC, POE+
Dimensions	1U, W440×H175×D45
Certification	CE, FCC, RoHS

## Features

- Multi work modes:  
- Knet-32 + 32 units of DPU501
- Flexible RS485 BUS management mode, every unit can be defined.
- PoE+ 802.3af, Power over Ethernet, easy to use
- Embedded Appliance, will work without a computer.  
Run independently, no need a separated software.
- Multi-Credentials, Multi-Factor ID and other High-Security Options.  
Pay-Per-Swipe and many more capabilities.

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## Embedded Access control



Knet-16E



Knet-32E



Knet-64E



## DPU501 controller

## 1-Door Process Unit for Knet controllers

DPU501 is a 1-door processing controller, this controller is fully compatible with Knet controllers, and includes all the inputs and outputs necessary for a full control of any door.

CPU	8 Bits Processor
Cardholder Capacity	1,000 emergency cards only, the rest are in Knet-08
Communication	RS485, with flow, overpressure, lighting protection
Reader Socket	2 Wiegand readers, In & Out
Door Input	REX, Door Sensor
AUX-IN	2
AUX-OUT	1
Power	12Vdc, 2A (Reader Power included)
Dimensions	W135×H108×D32
Certification	CE, FCC, RoHS

## System Configurations

