

# USB DOM (YSUDH)

## Feature

- Interface: USB 2.0 9pin
- Low-Density Parity-Check (LDPC) Code
- Global Wear Leveling
- Flash bad-block management
- Flash Translation Layer: Page Mapping
- Support S.M.A.R.T.
- Support TRIM

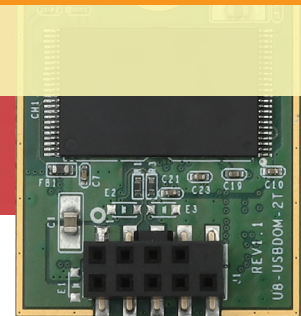
Yansen YSUDH-X-XXX USB DOM products provide high capacity USB flash memory storage that electrically complies with High-speed USB 2.0 interface & backward compatible with USB 1.1. The device features

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to provide a faster data transmission.

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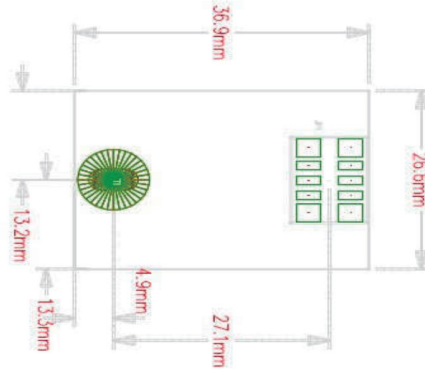
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Factory: Factory:3rd/F.,E Block|Yalitong Ind. Park| Tangxia,Dongguan, Guangdong,China, 523710

# YSUDH SERIES



## Specifications

YSUDH-X-XXX	
Flash Type	SLC/MLC
Capacity	8GB~64GB
Sequential Read (MAX)	Up to 35MB/s
Sequential Write (MAX)	Up to 25MB/s
4K Random Read	1700 IOPS
4K Random Write	1100 IOPS
Operating Temperature	-20°C ~ 70°C, -40°C ~ 85°C
Storage Temperature	-55°C ~ +95°C
Humidity	5% ~ 95% RH, non-condensing
Operating Voltage	DC 5V±5%
Power Consumption (MAX)	0.68W
Dimensions	L36.9mm*W26.6mm*H9.6mm ±0.15mm
MTBF	1 million hours

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## Order Information

	Temperature	8GB	16GB	32GB	
YSUDH-S-XXX	-20°C ~ 75°C	YSUDH-S-008 (Enhance Series)	YSUDH-S-016 (Enhance Series)	YSUDH-S-032 (Enhance Series)	
	-40°C ~ 85°C	YSUDH-S-008 (Extreme Series)	YSUDH-S-016 (Extreme Series)	YSUDH-S-032 (Extreme Series)	
	Temperature	8GB	16GB	32GB	64GB
YSUDH-M-XXX	-20°C ~ 75°C	YSUDH-M-008 (Enhance Series)	YSUDH-M-016 (Enhance Series)	YSUDH-M-032 (Enhance Series)	YSUDH-M-064 (Enhance Series)
	-40°C ~ 85°C	YSUDH-M-008 (Extreme Series)	YSUDH-M-016 (Extreme Series)	YSUDH-M-032 (Extreme Series)	YSUDH-M-064 (Extreme Series)