

Deye Data Logger

DL1000B-WIFI/4G/ETH



Easy-to-install

- Plug and play for effortless setup



Stable Data Acquisition

- Offline data auto backfill
- 1-minute data refresh interval



Flexible O&M

- Supports local & remote OTA
- Supports remote monitoring & operation
- Communication status diagnostics



Reliable & Secure Connectivity

- High-reliability wireless design
- Encrypted data transmission
- Supports app local mode via Bluetooth

Technical Data

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Model	DL1000B-WIFI
WIFI	
Operating frequency range	2400~2500MHz
TX power	802.11b:+14dBm~+18dBm(@11Mbps)
	802.11g:+13dBm~+16dBm(@54Mbps)
	802.11n:+11dBm±14dBm(@HT20,MCS7)
Antenna	Onboard antenna
BLE	
Protocols	BLE 5.3
Operating frequency range	2400 ~ 2500MHz
TX power	MAX: 18dBm
Hardware	
Data Interface	USB
Power supply voltage	DC 5V
Power dissipation	1.5W
LED	NET LED
	COM LED
Operating temperature	-40 to +65°C
Operating humidity	10%-90% (No Condensing)
Storage temperature range	-45 to +90°C
Storage humidity	<40%
Ingress Protection	IP65
Dimension (W×D×H)	116.6mm×70.5mm×30.5mm
Software	
Serial communication speed	Default :9600bps
Data collection interval	Default :1 minute (1-30 mins Optional)
User Configuration	AT Command
	Local web page configuration
	Remote Server
OTA	Local OTA
	Remote OTA
Others	Real-Time control, Data backfilling

Technical Data

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Model	DL1000B-4G
4G	
AERA	EMEA
LTE-FDD	B1/3/5/7/8/20/28
LTE-TDD	B38/40/41
GSM	B2/3/5/8
Antenna	Build-in Antenna
BLE	
Protocols	BLE 4.2
TX power	MAX: 18dBm
Hardware	
Data Interface	USB
Power supply voltage	DC 5V
Power dissipation	3.5W
LED	NET LED
	COM LED
SIM	Nano SIM
Operating temperature	-30 to +70°C
Operating humidity	-10%-90% (No Condensing)
Storage temperature range	-40 to +85°C
Storage humidity	<40%
Ingress Protection	IP65
Dimension (W×D×H)	116.6mm×70.5mm×30.5mm
Software	
Serial communication speed	Default :9600bps
Data collection interval	Default :1 minute (1-15 mins Optional)
User Configuration	AT Command
	Remote Server
OTA	Remote OTA
Others	Real-Time control, Data backfilling

Technical Data

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Model	DL1000B-ETH
ETH	
Speed	10M/100M
Max. communication range	100M (Direct connection)
WiFi	
Operating frequency range	2400 - 2483.5MHz
Communication protocol	IEEE 802.11b/g/n
TX Power	
TX Power	19.5dBm@11b, 1Mbps 19.5dBm@11b, 11Mbps 18dBm@11g, 6Mbps 14dBm@11g, 54Mbps 18dBm@11n, HT20, MCS0 13dBm@11n, HT20, MCS7 18dBm@11n, HT40, MCS0 13dBm@11n, HT40, MCS7
BLE	
Protocols	BLE 4.2
TX power	MAX: 9dBm
Hardware	
Data Interface	USB
Power supply voltage	DC 5V
Power dissipation	1.5W
LED	NET LED
	COM LED
Operating temperature	-40 to +65°C
Operating humidity	10%-90% (No Condensing)
Storage temperature range	-45 to +85°C
Storage humidity	<40%
Ingress Protection	IP65
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