# iDaSer-9000

# Quick Start

Oct 2017, Version 1.0.0

## Congratulations! ········································

Thanks for purchasing the iDaSer-9000 module - the data management server. This Quick Start Guide will provide related information which needed to get start with the iDaSer-9000 module. Please also consult the user manual for detailed information on the setup and usage of the iDaSer-9000 module.
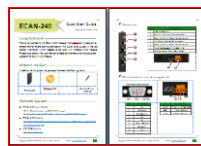
## What's In the Box! ········································

In addition to this guide, the package includes the following items:

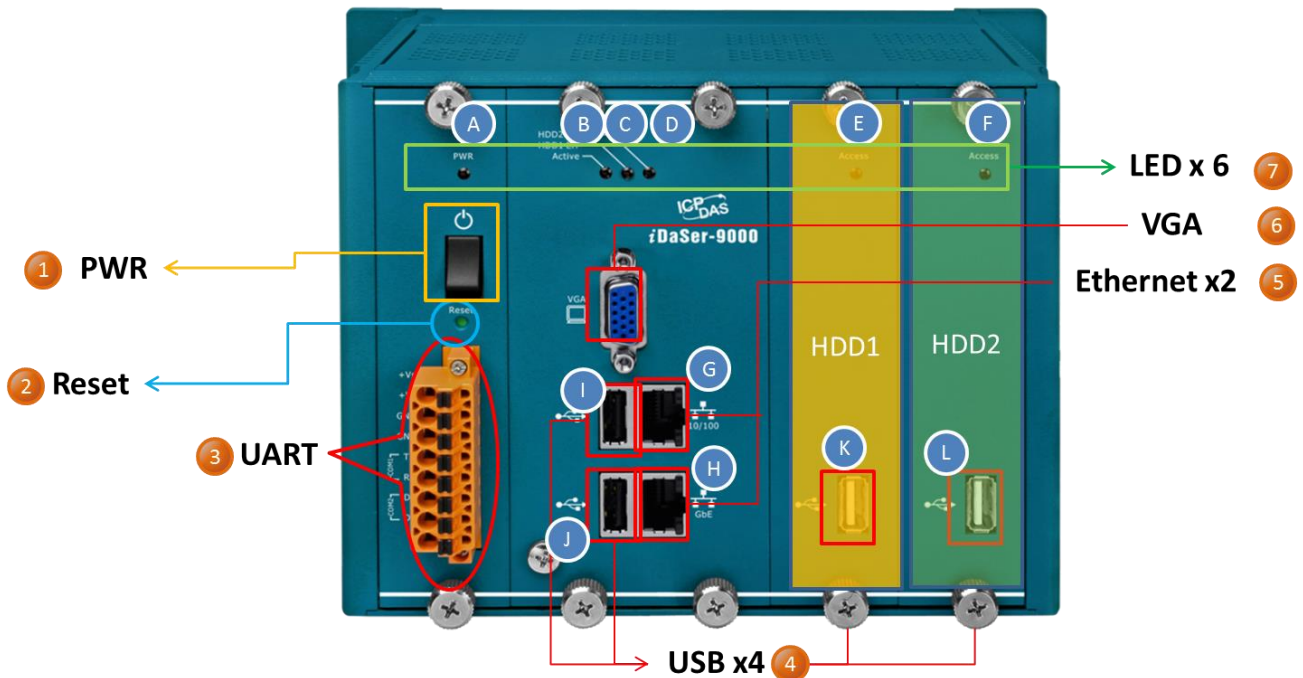| iDaSer-9000 | Fieldbus CD | Quick Start | Screw Drive | 44 MM DIN-Rail Clip*2 | M3x6L Screw * 8 |
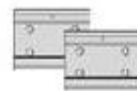
## Technical Support ········································
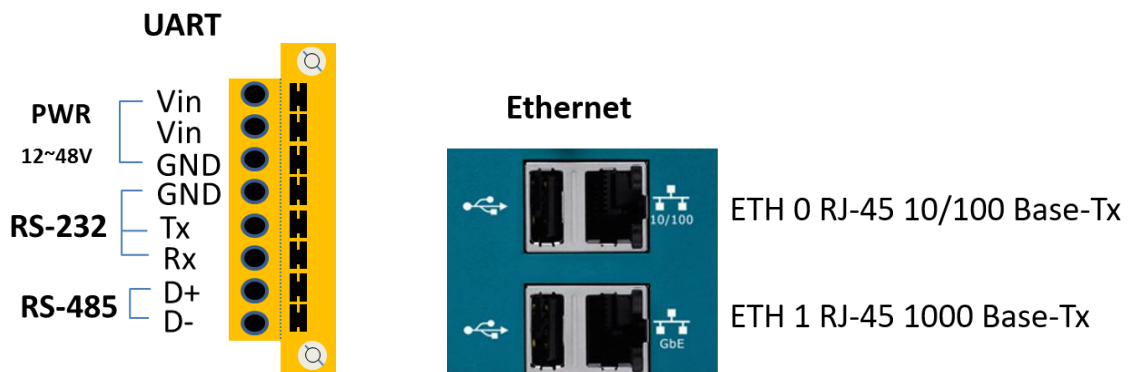
- **iDaSer-9000 User Manual**

  ftp://ftp.icpdas.com.tw/pub/cd/idaser/9000/manual/

- **iDaSer-9000 Website**

  http://www.icpdas.com/root/product/solutions/industrial_iot/idaser/idaser-9000.html

- **ICP DAS Website**

  http://www.icpdas.com/

E-mail: service@icpdas.com

## Appearance



| NO. | Name | Description |
|-----|------|-------------|
| 1 | PWR | Turn ON / OFF. |
| 2 | Reset | Keep pressing for 3 seconds, and the network setting will be reset as default.(Reboot after this action) |
| 3 | UART | The interfaces of RS-232 and RS-485(Reserved) |
| 4 | USB | On purpose to connect USB or keyboard. |
| 5 | Ethernet | Two network cards for internal and external network. |
| 6 | VGA | Connection to monitor. |
| 7 | LED | Display the status of devices. |

## Wire connections and pin assignments



UART

PWR 12~48V
- Vin
- Vin
- GND

RS-232
- GND
- Tx
- Rx

RS-485
- D+
- D-

Ethernet

ETH 0 RJ-45 10/100 Base-Tx

ETH 1 RJ-45 1000 Base-Tx

# LED Indicator

The iDaser-9000 module provides six LED indicators.

The Following is an overview of the purpose and function of each LED indicator together with a description.



| NO. | LED name. | LED state | LED Description |
|-----|-----------|-----------|-----------------|
| A | PWR   (G) | ON | The power of the module is ON. |
| B | Active (G) | Flashing | The system is working. |
| | | OFF | The system is OFF. |
| C | HDD1 Err (R) | ON | HDD1 error. |
| | | OFF | HDD1 is normal. |
| D | HDD2 Err (R) | ON | HDD2 error. |
| | | OFF | HDD2 is normal. |
| E | Access (G) | ON | HDD1 is active. |
| | | OFF | HDD1 disconnected. |
| F | Access (G) | ON | HDD2 is active. |
| | | OFF | HDD2 disconnected. |

## ◢ Ethernet

The Ethernet status indicator on iDaSer-9000 is part of the built-in RJ-45 connector, such as shown in the figure below.
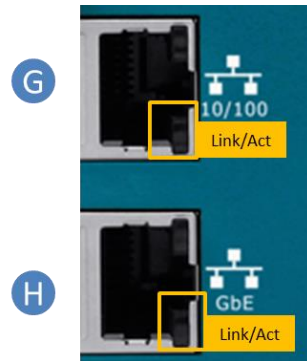


| No. | LED Name | LED Status | | LED Description |
|---|---|---|---|---|
| **G** | **10/100M** | ON | | Normal operation. |
| | | OFF | | Ethernet lost connection. |
| | **Link/Act** | Flashing | | System is handling data. |
| **H** | **GbE** | ON | | Normal operation. |
| | | OFF | | Ethernet lost connection. |
| | **Link/Act** | Flashing | | System is handling data. |

## ◢ Web Configuration

The configuration for the module parameters on the iDaSer-9000 module can be performed via a standard web browser using the embedded web configuration function. The user can configure the services via connecting the IP address of the iDaSer-9000 module on web browser.

The default IP addresses of the iDaSer-9000 Module are **192.168.255.1** and **10.0.8.1.** (Username:**admin**;Password:**icpdas888)**

About the more detail information for the iDaSer-9000 module, please refer to the user's manual.