19" 1U Micro Data Center Intelligent Controller
LMDCIC-01-S



ALL-IN-ONE Data Collection

Set data acquisition, storage, linkage, local display in one, suitable for small and medium-sized computer room, cabinet, micro module dynamic and environmental monitoring, or industrial automation control.

FEATURES

- **Point access capability**
  Equipped with 10 serial ports, 4DI, 4DO, support serial port and TCP communication to access a variety of intelligent devices, access to no less than 10000 measurement points.
- **Storage capacity**
  Comes with 32GB storage capacity. Storage capacity can be expanded to 128GB through TF card.
- **Alarm management**
  Support custom alarm configuration, alarm support SMS, email push notification.
- **Linkage control**
  Support a variety of custom linkage control functions to meet a variety of automation control requirements.
- **Stable and reliable performance**
  ARM architecture, industrial hardware design, 10 years of service life.
- **Safety**
  Each port supports overvoltage, overcurrent, high level surge protection, reverse connection prevention, and wrong c onnection prevention.
- **Data upload and export**
  Data can be uploaded to the centralized management platform through SNMP/MQTT/Modbus or other interfaces.
- **Function interface**
  Built-in functional interface can be accessed through the WEB.
- **Easy installation**
  1U rack-mounted design, various working status LED indicators

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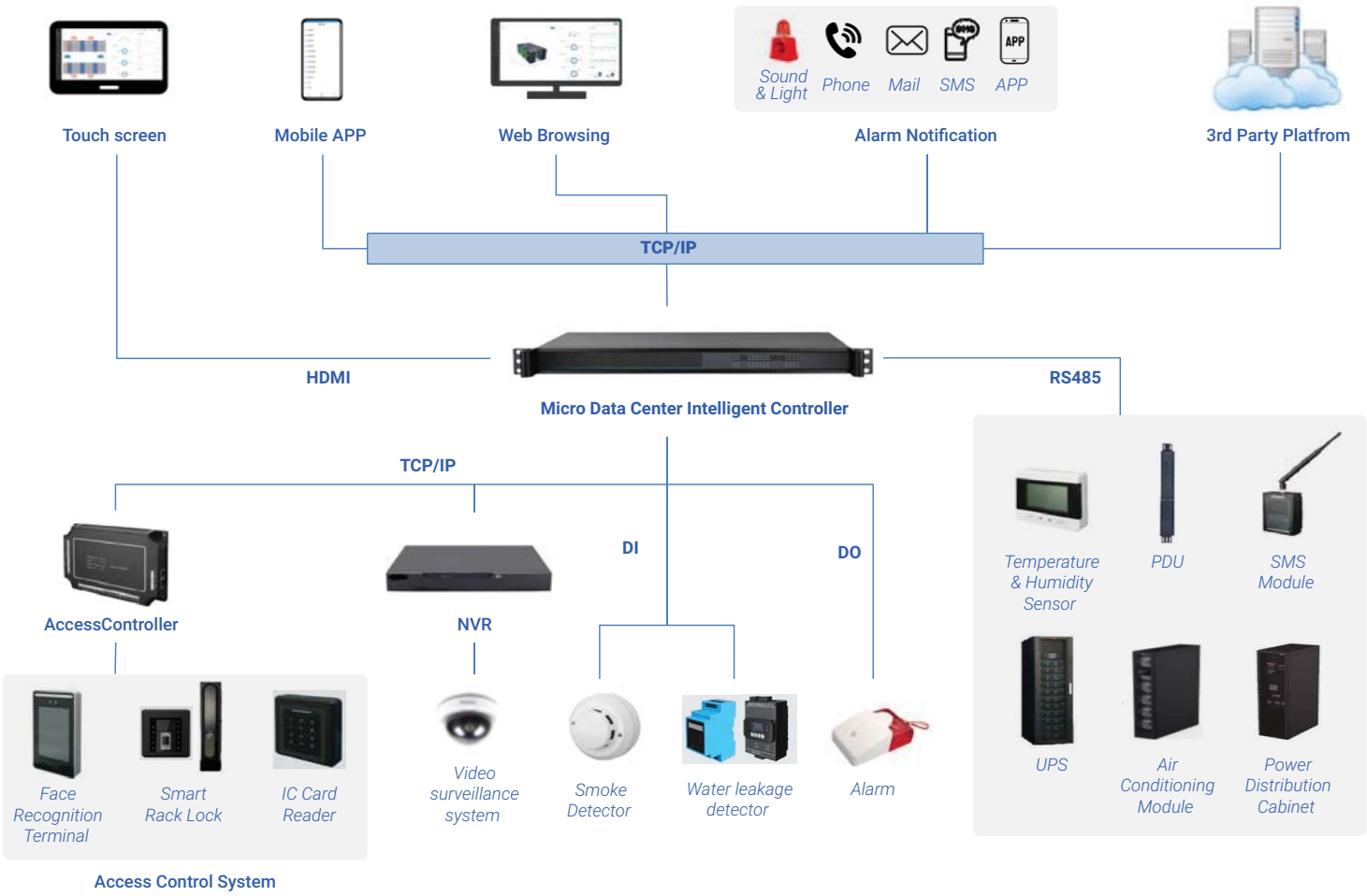
Product Specification

Parameter		Specification
Basic Information	Processor	ARMCortex-A9
	Operating System	Linux
	Storage	32G, can be external TF card, supports up to 128G
	Memory	1G
Network	Ethernet	1, 1000/100M adaptive
	Indicator light	Yes
	Lightning protection	2KV/1KA
External interface	Display interface	1 HDMI
	TF card interface	1, supports up to 32G
	USB	3, standard USB2.0 interface
DI	Quantity	4
	Interface Type	RJ45, signal + power
	Signal type	Dry contact
	Power supply capacity	DC12V, 100mA
	Overvoltage protection	30V
	Overcurrent protection	Signal: 50mA, power: 100mA
	Lightning protection	2KV/1KA
Operating Temperature	-40~85°C	
Storage Temperature	-40~125°C	
Power Supply	Input	1 group, AC220V/DC240V
	Output	1 group, DC12V3A
	Indicator Light	LED
	Power consumption	Less than 10W, excluding external power supply
Serial Port	Quantity	10
	Interface Type	RJ45, RS485+ power supply
	Power supply capacity	DC12V,500mA
	Overvoltage protection	30V
	Overcurrent protection	RS485:200mA, power supply: 500mA
	Lightning protection	2KV/1KA
DO	Quantity	4
	Interface Type	RJ45, signal + power
	Signal type	2 normally open relays, 2 DC12V outputs
	Power supply capacity	DC12V, 800mA
	Overvoltage protection	30V
	Overcurrent protection	1350mA
		2KV/1KA
Relative Humidity	5%~95%, no condensation	
Dimension (mm)	481mm*244mm*44.5mm	

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Monitoring System General Architecture



Ordering Information

Part Number	Description
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