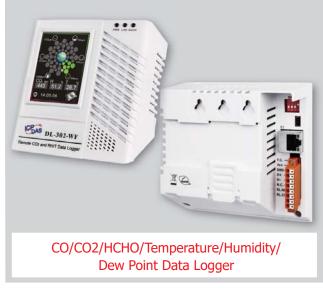
ICP Electronics Australia Pty Ltd TEL: 02 9457 6011 sales@icp-australia.com.au

www.icp-australia.com.au

DL-301-WF/DL-302-WF/DL-303-WF/DL-307-WF



■ Features

- Simultaneous Display for CO, CO2, Temperature, Humidity and Dew Point
- Non-dispersive Infrared (NDIR) CO2 Sensor
- 2.8" LCD Touch Screen
- Able to store up to 450,000 records with date and time stamps
- Touch-screen and Web-based Configuration Interface
- Simple and Powerful Software Utility, iOS APP and Android App Included
- Able to Display Multilingual Messages on the Screen
- Supports the DCON, Modbus RTU, Modbus TCP and MQTT Protocols
- Includes RS-485/Ethernet/Wi-Fi Communication Interfaces
- Compatible with IEEE802.11b/g/n standards
- Support infrastructure and limit-AP modes for wireless networks
- Relay Output for Audible/Visual Alarm or IAQ Device Control
- Includes redundant power inputs: PoE (IEEE 802.3af, Class 1) and DC input
- Desktop, DIN-Rail or Wall Mounting







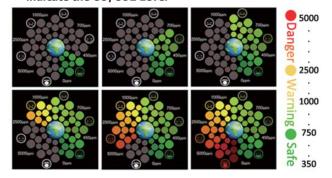


■ Introduction

The DL-300-WF series is an IAQ(Indoor Air Quality) monitoring module with Wi-Fi, Ethernet and RS-485 interfaces. It provides a WLAN connection which complies with the IEEE802.11b/g/n standards. With the popularity of 802.11 network infrastructure, the modules make an easy way to incorporate wireless connectivity into monitoring and control systems. The DL-300-WF series of data logger devices can be used to record CO, CO2, temperature, humidity and dew point information, including date and time stamps, and are able to store up to 450,000 downloadable records.

Real-time data can be accessed from the DL-300-WF data logger from anywhere and at any time using the free Windows software, the iOS App or the Android App, as long as they are connected to the same local network as the data logger. Support is provided for popular industrial protocols such as DCON, Modbus RTU, and Modbus TCP, as well as the emerging machine-to-machine (M2M)/)IoT (Internet of Things) connectivity protocol – MQTT. The DL-300-WF Data Logger can be connected via widely used communication interfaces including RS-485, Ethernet and PoE, meaning that the device can be easily integrated into existing HMI or SCADA systems, and is easy to be maintained in a distributed control system.

□ Large 2.8" LCD Touch Screen, with clear Color Chart to indicate the CO/CO2 Level



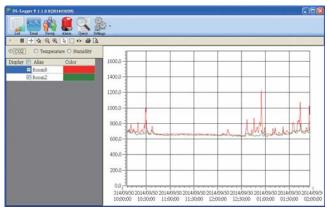
Multi-platform Remote Access Software

Real-time data from the DL-300 Data Logger can be accessed from anywhere and at any time using the DL300 Utility, the iOS or Android App, or via a regular web browser, as long as they are connected to the same local network as the Data Logger.

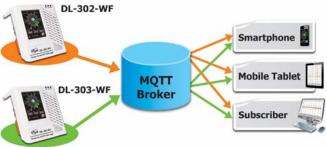


Simple and Powerful DL-300 Utility

The DL300 Utility can be used to configure the modules, monitor real-time data, group DL-300 modules so that the status of distribution groups can be viewed and managed. The utility also allows the log data to be downloaded and exported to a .CSV file that can then be imported into any industry-standard software or spread sheet for analysis.



Supports the MQTT Protocol for IoT Applications (Ethernet Interface Only)



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> ⇒ Real-time data from the DL-300-WF series can be accessed from anywhere and at any time using the WF-IIOT-Utility and iOS App.





▲ iOS APP QR CODE

▲ Android APP QR CODE

Display Messages in Multiple Languages

The display-message-on-screen function supports multiple language character sets based on UTF-8 encoding. Either pre-configured messages or dynamic messages can be remotely displayed using Modbus commands, or a dynamic message can be sent via the web-based interface.





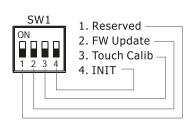
▲ WiFi_IIOT_Utility

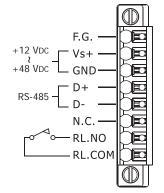
Applications -

- Transportation of Food or Pharmaceuticals
- Food and Beverage Industry (HACCP)
- Blood Stations and Pharmacies
- Building and Energy Management
- Warehouse Management
- Museums, Archives and Galleries



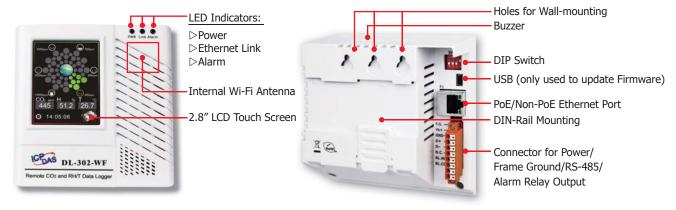
■ Pin Assignments & Wire Connections





Relay Output Form A NO:16 A or 250 VAC

Appearance

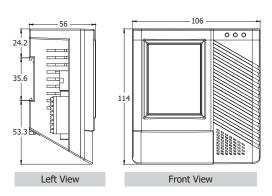


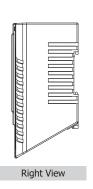
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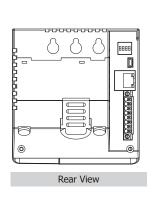
■ Specifications _____

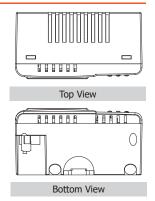
Model		DL-301-WF	DL-302-WF	DL-303-WF	DL-307-WF
HCHO Measuremen	t				
Range			-		0 ppb to 2000 ppb
Resolution					(Electrochemical)
Resolution			<u>-</u>		1 ppb 0 ~ 300ppb : ±30ppb
Accuracy			-		> 300ppb: ±30ppb
Response Time			-		≤60 seconds
Warm-up Time			-		180 seconds
TVOC Measurement	t				
Range			-		0 ppb to 60000 ppb
Resolution					(MEMS Metal Oxide)
Accuracy					1 ppb ±15%
Response Time			-		60 seconds
Warm-up Time			-		180 seconds
CO Measurement					
Range		0 to 1000 ppm (Electrochemical)		0 to 1000 ppm (Electrochemical)	-
Resolution		1 ppm	-	1 ppm	-
Accuracy		±5% of measured value	-	±5% of measured value	-
Response Time		30 seconds	-	30 seconds	-
Warm-up Time		300 seconds	-	300 seconds	-
CO2 Measurement				(
Range		-		ppm (NDIR)	-
Resolution		-		ppm	-
Accuracy		-		f measured value	-
Response Time Warm-up Time		-		econds	-
warm-up Time Temperature Measi	Iromont	-	60 se	conds	<u>-</u>
Range	rement		-10 to	+50°C	
Resolution				1°C	
Accuracy				6°C	
Relative Humidity N	1easuremei	nt			
Range			0 to 100% RH,	Non-conden sing	
Resolution				n-condensing	
Accuracy			±5% RH, No	n-condensing	
Dew Point					
Dew Polit					
Range				ture and relative humidity	
Range Resolution				ture and relative humidity 1°C	
Range Resolution System		V	0.	1℃	
Range Resolution System CO Alarm		Yes	- -	1°C Yes	-
Range Resolution System CO Alarm CO2 Alarm		Yes -	0. - Yes	1°C Yes Yes	- -
Range Resolution System CO Alarm CO2 Alarm Real-time Clock			0. - Yes	1°C Yes Yes Yes	- -
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger			- Yes Yes, 450,0	Yes Yes Yes es 00 Records	- - -
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output			- Yes Yes, 450,0	1°C Yes Yes Yes	- - -
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software			- Yes Yes, 450,0 Form A×1, SPST. 30 VDC	Yes Yes Yes es 00 Records 0 16 A or 250 VAC 0 16 A	- -
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server			- Yes Yes, 450,0 Form A×1, SPST. 30 VDC	Yes Yes Yes es 00 Records	- -
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication			- Yes Yes, 450,0 Form A×1, SPST. 30 VDC	Yes Yes Yes es 00 Records 0 16 A or 250 VAC 0 16 A	- -
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port		-	- Yes Yes, 450,0 Form A×1, SPST. 30 VDC	Yes Yes Yes es 00 Records 0 16 A or 250 VAC @ 16 A	
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port		- 10/100 Base	- Yes Yes, 450,0 Form A×1, SPST. 30 VDC (You Baud Rate = 12(e-TX, 8-Pin RJ-45 x1 (Auto-ne) IP filter (whitelist) a	Yes Yes Yes es 00 Records 16 A or 250 VAC @ 16 A es 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web)	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security		- 10/100 Base Modbu	- Yes Yes, 450,0 Form A×1, SPST. 30 VDC Yes, 450,0 Form A×1, SPST. 30 VDC Yes, 450,0 Baud Rate = 120 P-TX, 8-Pin RJ-45 x1 (Auto-ne) IP filter (whitelist) ausRTU(RS-485), Modbus TCP(Yes Yes Yes es 00 Records 16 A or 250 VAC @ 16 A es 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog		- 10/100 Base Modbu	- Yes Yes, 450,0 Form A×1, SPST. 30 VDC Yes, 450,0 Form A×1, SPST. 30 VDC Yes, 450,0 Baud Rate = 120 P-TX, 8-Pin RJ-45 x1 (Auto-ne) IP filter (whitelist) ausRTU(RS-485), Modbus TCP(Yes Yes Yes es 00 Records 16 A or 250 VAC @ 16 A es 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web)	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface		- 10/100 Base Modbu	- Yes Yes, 450,0 Form A×1, SPST. 30 VDC Yes, 450,0 Form A×1, SPST. 30 VDC Yes, Baud Rate = 120 Port	Yes Yes Yes Yes 00 Records 16 A or 250 VAC @ 16 A Yes 16 A or 250 VAC @ 16 A Yes 16 A or 250 VAC @ 16 A Yes 17 A or 250 VAC @ 16 A Yes 18 A or 250 VAC @ 16 A Yes 19 A or 250 VAC @ 16 A Yes 10 A or 250 VAC @ 16 A Yes 10 A or 250 VAC @ 16 A	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna		- 10/100 Base Modbu	9. Yes Yes, 450,0 Form A×1, SPST. 30 VDC Yes Baud Rate = 120 E-TX, 8-Pin RJ-45 x1 (Auto-net IP filter (whitelist) ausRTU(RS-485), Modbus TCP(Yes, Module (2.3 seconds), Co	Yes Yes Yes es 00 Records 16 A or 250 VAC @ 16 A es 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe mmunication (Programmable)	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power		- 10/100 Base Modbu	9. Yes Yes, 450,0 Form A×1, SPST. 30 VDC of the second	Yes Yes Yes Yes Ses OO Records OO ~ 115200 bps Gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe Communication (Programmable) Id (PCB Antenna) 14.5 dBm @ 54 OFDM	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity		- 10/100 Base Modbu	9. Yes Yes, 450,0 Form A×1, SPST. 30 VDC of the second o	Yes Yes Yes Yes Ses OO Records OO ~ 115200 bps Gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe Communication (Programmable) OF COMMUNICATION (PC)	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported		- 10/100 Base Modbu	O. Yes Yes, 450,0 Form A×1, SPST. 30 VDC of the second	Yes Yes Yes Ses Yes Wes Yes Yes Yes Yes Yes Ye	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode		- 10/100 Base Modbu	Yes Yes, 450,0 Form A×1, SPST. 30 VDC of the second of th	Yes Yes Yes Yes Ses 900 Records 16 A or 250 VAC @ 16 A Yes Ses 100 ~ 115200 bps Section of the ses 100 ~ 115200 bps Section of the ses 100 ~ 115200 bps Section of the s	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption		- 10/100 Base Modbu	Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Baud Rate = 120 E-TX, 8-Pin RJ-45 x1 (Auto-net of the contour	Yes Yes Yes Ses Yes Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes Y	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range		- 10/100 Base Modbu	Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Baud Rate = 120 E-TX, 8-Pin RJ-45 x1 (Auto-net of the contour	Yes Yes Yes Yes Ses 900 Records 16 A or 250 VAC @ 16 A Yes Ses 100 ~ 115200 bps Section of the ses 100 ~ 115200 bps Section of the ses 100 ~ 115200 bps Section of the s	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical	al Block	- 10/100 Base Modbu	Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Y Baud Rate = 120 e-TX, 8-Pin RJ-45 x1 (Auto-ne) IP filter (whitelist) a usRTU(RS-485), Modbus TCP(Yes, Module (2.3 seconds), Co Antenna = 1 dE 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructure WEP, WPA 50 mete	Yes Yes Yes Ses Yes Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes Y	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from Termina	al Block	- 10/100 Base Modbu	0. Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Y Baud Rate = 120 e-TX, 8-Pin RJ-45 x1 (Auto-ne) IP filter (whitelist) ausRTU(RS-485), Modbus TCP(Yes, Module (2.3 seconds), Co Antenna = 1 dE 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructure WEP, WPA 50 mete	Yes Yes Yes Ses Yes Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes Y	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from Termina Powered from PoE	al Block	10/100 Base	O. Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Y Baud Rate = 120 E-TX, 8-Pin RJ-45 x1 (Auto-ne) IP filter (whitelist) (JUSRTU(RS-485), Modbus TCP(Yes, Module (2.3 seconds), Co Antenna = 1 dE 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructure WEP, WPA 50 mete +12 to IEEE 802.3af,	Yes Yes Yes Yes Ses OO Records 16 A or 250 VAC @ 16 A The ses OO ~ 115200 bps Gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe Communication (Programmable) If (PCB Antenna) I.4.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM -11 b/g/n Ex Limited AP and WPA2 Are (LOS) +48 VDC Class 1 (48 V)	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from Termina Powered from PoE		- 10/100 Base Modbu	0. Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Y Baud Rate = 120 e-TX, 8-Pin RJ-45 x1 (Auto-ne) IP filter (whitelist) ausRTU(RS-485), Modbus TCP(Yes, Module (2.3 seconds), Co Antenna = 1 dE 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructure WEP, WPA 50 mete	Yes Yes Yes Ses Yes Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes Y	indicators)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from Termina Powered from PoE	PoE	- 10/100 Base Modbu	O. Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Y Baud Rate = 12(e-TX, 8-Pin RJ-45 x1 (Auto-ne) IP filter (whitelist) (usRTU(RS-485), Modbus TCP(Yes, Module (2.3 seconds), Co Antenna = 1 dE 18 dBm @ 1 DSSS, IEEE 802 Infrastructure WEP, WPA 50 mete +12 to IEEE 802.3af, 1.8 W (Max.)	Yes Yes Yes Ses Yes Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes Y	indicators) ernet) 1.8 W (Max.)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from Termina Powered from PoE Power Consumption Mechanical	PoE Non-PoE	- 10/100 Base Modbu	7 Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, Form RJ-45 x1 (Auto-neter of the seconds), Compared to the seconds of the second of the seconds of the second of the secon	Yes Yes Yes Ses Yes Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes Y	indicators) ernet) 1.8 W (Max.)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from Termina Powered from PoE Power Consumption Mechanical Dimensions (L x W x h	PoE Non-PoE	- 10/100 Base Modbu	7 Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Baud Rate = 12(2-TX, 8-Pin RJ-45 x1 (Auto-ne: IP filter (whitelist) ausRTU(RS-485), Modbus TCP(Yes, Module (2.3 seconds), Co Antenna = 1 dE 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructure WEP, WPA 50 mete +12 to IEEE 802.3af, 1.8 W (Max.) 1.7 W (Max.)	Yes Yes Yes Yes Yes Ses OO Records 16 A or 250 VAC @ 16 A Ses OO ~ 115200 bps Solitating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe Sommunication (Programmable) If (PCB Antenna) I.4.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM .11 b/g/n E Limited AP and WPA2 Sers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.) 1.8 W (Max.)	indicators) ernet) 1.8 W (Max.)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from Termina Powered from PoE Power Consumption Mechanical Dimensions (L x W x h Installation	PoE Non-PoE	- 10/100 Base Modbu	7 Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, As-Pin RJ-45 x1 (Auto-neter of the second of th	Yes Yes Yes Yes Yes Ses OO Records O 16 A or 250 VAC O 16 A Ses OO ~ 115200 bps Gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) Si (PCB Antenna) 14.5 dBm O 54 OFDM -74.0 dBm O 54 OFDM -74.0 dBm O 54 OFDM 11 b/g/n Se Limited AP and WPA2 Sers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.) 1.8 W (Max.) 5 mm x 56 mm 1 or Wall Mounting	indicators) ernet) 1.8 W (Max.)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from Termina Powered from PoE Power Consumption Mechanical Dimensions (L x W x h Installation Environment Operating Temperatur	PoE Non-PoE	- 10/100 Base Modbu	7 Yes Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, 450,0 Form A×1, SPST. 30 VDC (Yes, As-Pin RJ-45 x1 (Auto-net of the second of the	Yes Yes Yes Ses OO Records OO To A OF TO	indicators) ernet) 1.8 W (Max.)
Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Electrical Powered from PoE Power Consumption Mechanical Dimensions (L x W x H Installation Environment Operating Temperature Humidity	PoE Non-PoE	- 10/100 Base Modbu	9. Yes Yes, 450,0 Form A×1, SPST. 30 VDC of the second of	Yes Yes Yes Yes Yes Ses OO Records O 16 A or 250 VAC O 16 A Ses OO ~ 115200 bps Gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) Si (PCB Antenna) 14.5 dBm O 54 OFDM -74.0 dBm O 54 OFDM -74.0 dBm O 54 OFDM 11 b/g/n Se Limited AP and WPA2 Sers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.) 1.8 W (Max.) 5 mm x 56 mm 1 or Wall Mounting	indicators) ernet) 1.8 W (Max.)

■ Dimensions (Units: mm)









Ordering Information .

DL-301-WF CR	Remote CO/Temperature/Humidity/Dew Point Data Logger with Ethernet/RS-485/Wi-Fi Interfaces and PoE (RoHS)
DL-302-WF CR	Remote CO2/Temperature/Humidity/Dew Point Data Logger with Ethernet/RS-485/Wi-Fi Interfaces and PoE (RoHS)
DL-303-WF CR	Remote CO/CO2/Temperature/Humidity/Dew Point Data Logger with Ethernet/RS-485/Wi-Fi Interfaces and PoE (RoHS)
DL-307-WF CR	Remote HCHO/TVOC/Temperature/Humidity/Dew Point Data Logger with Ethernet/RS-485/Wi-Fi Interfaces and PoE (RoHS)

Accessories _

= Accessories				
NS-205 CR	Unmanaged 5-port Industrial Ethernet Switch. 24 VDC Input (RoHS)			
NS-205PSE CR	Unmanaged Ethernet switch with 4-PoE and 1 RJ45 uplink connectors. 48 V _{DC} Input (RoHS)			
NS-205PSE-24V CR	Unmanaged Ethernet switch with 4-PoE and 1 RJ45 uplink connectors. 24 V _{DC} Input (RoHS)			
MDR-20-24 CR	24V/1A, 24 W Power Supply with DIN-Rail Mounting (RoHS)			
MDR-60-48 CR	48V/1.25A, 60 W Single Output Industrial DIN Rail Power Supply (RoHS)			
tM-7561 CR	USB to Isolated RS-485 Converter (RoHS)			
	Ethernet/UART to Wi-Fi Converter(RoHS)			
АРW77ВАМ	Wi-Fi Access Point (with category A plug type) (RoHS)			



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