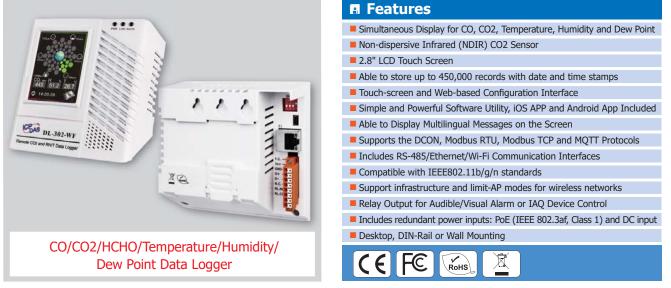
DL-301-WF/DL-302-WF/DL-303-WF/DL-307-WF

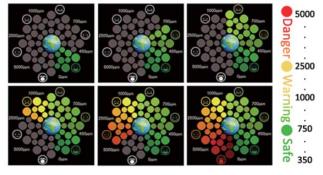


Introduction

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

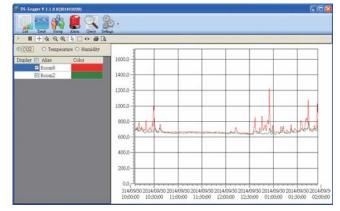


Multi-platform Remote Access Software

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) DL-302-WF Mobile Tablet Subscriber 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.





▲ 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.



Name DL-303-WF	Alkas Ether10	DHCP 0	JP 10.1.0.87	Mask 255.255.0.0	Gate MAC 10.1.0 00:0d:e0):92:01:e5	Version B4.3	Not ID	M00
DL 303WF Firm	vate[UB43]								
Configurat	ion AI	Alerm	DO	Host WDT	Data Logger	System	Event Log	Abou	at
Wi-Fi Mo	de	Station		~	Wi-Fi Channel	11		~	
SSID		DL-303-	WF	<u> </u>					
Encryption Modbus TCP Port		Open 502		Y Password					
DHCP Se	rver	On		~	Start IP	193	2.168.255.2		
IP Address Type		DHCP		~	Static IP	192.168.255.1		-1	
					Subnet Mask	255	5.255.0.0		
				2	Gateway	192	2.168.255.25	4	
					0	Set Mc	dule Configuration	15	1

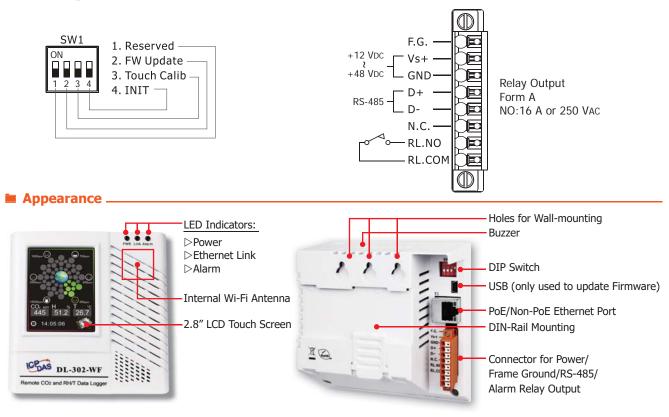
▲ WiFi_IIOT_Utility

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



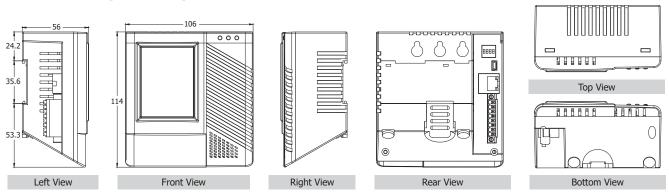
Pin Assignments & Wire Connections





Model	DL-301	L-WF	DL-302-WF	DL-303-WF	DL-307-WF
HCHO Measurement					
Range			-		0 ppb to 2000 ppb (Electrochemical)
Resolution			-		1 ppb
Accuracy			-		0 ~ 300ppb : ±30ppb
,					> 300ppb : ±10%
Response Time Warm-up Time			-		≤60 seconds 180 seconds
TVOC Measurement					100 Seconds
					0 ppb to 60000 ppb
Range			-		(MEMS Metal Oxide)
Resolution			-		1 ppb
Accuracy Response Time			-		±15% 60 seconds
Warm-up Time			-		180 seconds
CO Measurement					
Range	0 to 1000 ppm (El	ectrochemical)	-	0 to 1000 ppm (Electrochemical)	-
Resolution	1 pp		-	1 ppm	-
Accuracy	±5% of meas		-	±5% of measured value	-
Response Time Warm-up Time	30 seco 300 seco		-	30 seconds 300 seconds	-
CO2 Measurement	500 Sec	onus	-	SUO SECONOS	-
Range	-		0 to 9999	ppm (NDIR)	-
Resolution	-			opm	-
Accuracy	-		11	of measured value	-
Response Time	-			econds	-
Warm-up Time	-		60 se	econds	-
Temperature Measureme Range	ent		-10 to	+50°C	
Resolution				1°C	
Accuracy				.6°C	
Relative Humidity Measu	irement				
Range				Non-conden sing	
Resolution				on-condensing	
Accuracy			±5% RH, NG	on-condensing	
,			•	-	
Dew Point		C			
/		C	alculated using tempera	ature and relative humidity 1°C	
Dew Point Range		С	alculated using tempera	ature and relative humidity	
Dew Point Range Resolution System CO Alarm	Yes		alculated using tempera 0. -	ature and relative humidity 1°C Yes	
Dew Point Range Resolution System CO Alarm CO2 Alarm	Yes -		alculated using tempera 0. - Yes	ature and relative humidity 1°C Yes Yes	- - -
Dew Point Range Resolution System CO Alarm CO2 Alarm Real-time Clock			alculated using tempera 0. - Yes	ature and relative humidity 1°C Yes Yes Yes	
Dew Point Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger			alculated using tempera 0. - Yes Yes, 450,0	ature and relative humidity 1°C Yes Yes Yes 00 Records	-
Dew Point Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output			alculated using tempera 0. - Yes Yes, 450,0	ature and relative humidity 1°C Yes Yes Yes	
Dew Point Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger			alculated using tempera 0. - Yes Yes, 450,0 rm A×1, SPST. 30 VDC	ature and relative humidity 1°C Yes Yes Yes 00 Records	-
Dew Point Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication			alculated using tempera 0. - Yes Yes, 450,0 rm A×1, SPST. 30 VDC	Ature and relative humidity 1°C Yes Yes Yes 000 Records @ 16 A or 250 VAC @ 16 A	-
Dew Point Range Resolution System CO Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port		Fo	alculated using tempera 0. Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Y Baud Rate = 12	ature and relative humidity 1°C Yes Yes Yes Yes 00 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps	-
Dew Point 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		Fo	alculated using tempera 0. Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne	ature and relative humidity 1°C Yes Yes Yes 00 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED	-
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security		Fo 10/100 Base-TX, 8	alculated using tempera 0. Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Y Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist)	ature and relative humidity 1°C Yes Yes Yes Yes 00 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web)	- indicators)
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security Protocol		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(ature and relative humidity 1°C Yes Yes Yes 00 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED	- indicators)
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 Alarm Real-time Clock Data Logger Alarm Relay Output Software Built-in Web Server Communication RS-485 Port Ethernet Port Security		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(Ature and relative humidity 1°C Yes Yes Yes Yes Yes 00 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ether	- indicators)
Dew Point Range Resolution System CO Alarm CO2 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		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450, rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(lodule (2.3 seconds), C Antenna = 1 dl	Ature and relative humidity 1°C Yes Yes Yes Yes Yes 000 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe ommunication (Programmable) Bi (PCB Antenna)	- indicators)
Dew PointRangeResolutionSystemCO AlarmCO2 AlarmCO2 AlarmReal-time ClockData LoggerAlarm Relay OutputSoftwareBuilt-in Web ServerCommunicationRS-485 PortEthernet PortSecurityProtocolDual WatchdogWi-Fi InterfaceAntennaOutput Power		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450,(rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(lodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS,	Ature and relative humidity 1°C Yes Yes Yes Yes Yes Yes Yes 100 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe ommunication (Programmable) 3i (PCB Antenna) 14.5 dBm @ 54 OFDM	- indicators)
Dew PointRangeResolutionSystemCO AlarmCO2 AlarmReal-time ClockData LoggerAlarm Relay OutputSoftwareBuilt-in Web ServerCommunicationRS-485 PortEthernet PortSecurityProtocolDual WatchdogWi-Fi InterfaceAntennaOutput PowerReceive Sensitivity		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450,(rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(lodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS,	Ature and relative humidity 1°C Yes Yes Yes Yes Yes Yes Yes Yes	- indicators)
Dew PointRangeResolutionSystemCO AlarmCO2 AlarmCO2 AlarmReal-time ClockData LoggerAlarm Relay OutputSoftwareBuilt-in Web ServerCommunicationRS-485 PortEthernet PortSecurityProtocolDual WatchdogWi-Fi InterfaceAntennaOutput PowerReceive SensitivityStandard Supported		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450, rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(Iodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 80;	Ature and relative humidity 1°C Yes Yes Yes Yes Yes Yes Yes Yes	- indicators)
Dew PointRangeResolutionSystemCO AlarmCO2 AlarmCO2 AlarmReal-time ClockData LoggerAlarm Relay OutputSoftwareBuilt-in Web ServerCommunicationRS-485 PortEthernet PortSecurityProtocolDual WatchdogWi-Fi InterfaceAntennaOutput PowerReceive SensitivityStandard SupportedWireless Mode		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450, rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(Iodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructure	Ature and relative humidity 1°C Yes Yes Yes Yes Yes Yes 1°C 1°C 1°C Yes Yes Yes 1°C 1°C 1°C 1°C 1°C 1°C 1°C 1°C	- indicators)
Dew PointRangeResolutionSystemCO AlarmCO2 AlarmCO2 AlarmReal-time ClockData LoggerAlarm Relay OutputSoftwareBuilt-in Web ServerCommunicationRS-485 PortEthernet PortSecurityProtocolDual WatchdogWi-Fi InterfaceAntennaOutput PowerReceive SensitivityStandard SupportedWireless ModeEncryption		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(lodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructur WEP, WP4	Ature and relative humidity 1°C Yes Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) 36 (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n e & Limited AP And WPA2	- indicators)
Dew PointRangeResolutionSystemCO AlarmCO2 AlarmCO2 AlarmReal-time ClockData LoggerAlarm Relay OutputSoftwareBuilt-in Web ServerCommunicationRS-485 PortEthernet PortSecurityProtocolDual WatchdogWi-Fi InterfaceAntennaOutput PowerReceive SensitivityStandard SupportedWireless Mode		Fo 10/100 Base-TX, 8 ModbusRTU	alculated using tempera 0. Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(lodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructur WEP, WP4	Ature and relative humidity 1°C Yes Yes Yes Yes Yes 1°C 1°C Yes 1°C 1°C Yes Yes 1°C 1°C 1°C 1°C 1°C 1°C 1°C 1°C	- indicators)
Dew PointRangeResolutionSystemCO AlarmCO2 AlarmCO2 AlarmReal-time ClockData LoggerAlarm Relay OutputSoftwareBuilt-in Web ServerCommunicationRS-485 PortEthernet PortSecurityProtocolDual WatchdogWi-Fi InterfaceAntennaOutput PowerReceive SensitivityStandard SupportedWireless ModeEncryptionTransmission Range		Fo 10/100 Base-TX, 8 ModbusRTU	- Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(lodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 80 Infrastructur WEP, WP4 50 metu	Ature and relative humidity 1°C Yes Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) 31 (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n e & Limited AP And WPA2	- indicators)
Dew Point 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 Terminal Bloc Powered from PoE	k	Fo 10/100 Base-TX, { ModbusRTU Yes, M	- Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(Iodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructur WEP, WP4 50 metu +12 to IEEE 802.3af,	Ature and relative humidity 1°C Yes Yes Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) 36 (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n e & Limited AP And WPA2 ers (LOS) +48 VDC Class 1 (48 V)	- indicators) rnet)
Dew Point Range Resolution System CO Alarm CO2 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 Powered from Terminal Bloc Powered from Secure Pot		; 10/100 Base-TX, { ModbusRTU Yes, M	- Yes Yes Yes, 450,(rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(lodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802. Infrastructur WEP, WP4 50 metr +12 to IEEE 802.3af, 1.8 W (Max.)	Ature and relative humidity 1°C Yes Yes Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) 36 (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n a & Limited AP and WPA2 ers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.)	- indicators) rnet) 1.8 W (Max.)
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 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 Powered from Terminal Bloc Powered from Securita Power Consumption	k	; 10/100 Base-TX, { ModbusRTU Yes, M	- Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(Iodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructur WEP, WP4 50 metu +12 to IEEE 802.3af,	Ature and relative humidity 1°C Yes Yes Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) 36 (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n e & Limited AP And WPA2 ers (LOS) +48 VDC Class 1 (48 V)	- indicators) rnet)
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 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 Powered from Terminal Bloc Powered from Securital Power Consumption Mechanical		; 10/100 Base-TX, { ModbusRTU Yes, M	- Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(Iodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802 Infrastructur WEP, WP4 50 met +12 to IEEE 802.3af, 1.8 W (Max.) 1.7 W (Max.)	Ature and relative humidity 1°C Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) Bi (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n a & Limited AP A and WPA2 ers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.) 1.8 W (Max.)	- indicators) rnet) 1.8 W (Max.)
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 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 Powered from Terminal Bloc Powered from Securita Power Consumption		; 10/100 Base-TX, { ModbusRTU Yes, M	alculated using tempera 0. Yes Yes, 450,(rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(1odule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802. Infrastructur: WEP, WP4 50 metr +12 to IEEE 802.3af, 1.8 W (Max.) 1.7 W (Max.)	Ature and relative humidity 1°C Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) Bi (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n a & Limited AP A and WPA2 ers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.) 1.8 W (Max.) 6 mm x 56 mm	- indicators) rnet) 1.8 W (Max.)
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 Alarm CO2 Alarm Coalatonger Alarm Relay Output Jata 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 Powered from Terminal Bloc Powered from Terminal Bloc Powered from Securital Supported Wineless Mode Electrical Powered from Terminal Bloc Powered from Securital Supported Mechanical Dimensions (L x W x H)		; 10/100 Base-TX, { ModbusRTU Yes, M	alculated using tempera 0. Yes Yes, 450,(rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(1odule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802. Infrastructur: WEP, WP4 50 metr +12 to IEEE 802.3af, 1.8 W (Max.) 1.7 W (Max.)	Ature and relative humidity 1°C Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe communication (Programmable) Bi (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n a & Limited AP A and WPA2 ers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.) 1.8 W (Max.)	- indicators) rnet) 1.8 W (Max.)
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 Alarm CO2 Alarm Coalatonger Jata 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 Powered from Terminal Bloc Powered from Security Powered from Security Powered from Security Installation		; 10/100 Base-TX, { ModbusRTU Yes, M	- Yes Yes Yes, 450,0 rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(Iodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802. Infrastructur WEP, WP/ 50 metr +12 to IEEE 802.3af, 1.8 W (Max.) 1.7 W (Max.) 1.7 W (Max.) 0 to	Ature and relative humidity 1°C Yes Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe pommunication (Programmable) Bi (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n e & Limited AP A and WPA2 ers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.) 1.8 W (Max.) 6 mm x 56 mm il or Wall Mounting +50°C	- indicators) rnet) 1.8 W (Max.)
Dew Point Range Resolution System CO Alarm CO2 Alarm CO2 Alarm CO2 Alarm Coata Logger Alarm Relay Output Data Logger Alarm Relay Output Software Built-in Web Server RS-485 Port Ethernet Port Security Protocol Dual Watchdog Wi-Fi Interface Antenna Output Power Receive Sensitivity Standard Supported Wireless Mode Encryption Transmission Range Powered from Terminal Bloc Powered from PoE Powered from Supprised Mechanical Dimensions (L x W x H) Installation		; 10/100 Base-TX, { ModbusRTU Yes, M	alculated using tempera 0. Yes Yes, 450,(rm A×1, SPST. 30 VDC Baud Rate = 12 3-Pin RJ-45 x1 (Auto-ne IP filter (whitelist) (RS-485), Modbus TCP(lodule (2.3 seconds), C Antenna = 1 dl 18 dBm @ 1 DSSS, -95.7 dBm @ 1 DSSS, IEEE 802. Infrastructur: WEP, WP/ 50 metr +12 to IEEE 802.3af, 1.8 W (Max.) 1.7 W (Max.) 114 mm x 10 Desktop, DIN-Ra 0 to -30 to	Ature and relative humidity 1°C Yes Yes Yes Yes 200 Records @ 16 A or 250 VAC @ 16 A Yes 00 ~ 115200 bps gotiating, Auto-MDI/MDIX, LED and Password (web) Ethernet/Wi-Fi) and MQTT(Ethe ommunication (Programmable) Bi (PCB Antenna) 14.5 dBm @ 54 OFDM -74.0 dBm @ 54 OFDM 2.11 b/g/n e & Limited AP A and WPA2 ers (LOS) +48 VDC Class 1 (48 V) 1.9 W (Max.) 1.8 W (Max.) 6 mm x 56 mm il or Wall Mounting	- indicators) rnet) 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 ____

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 VDC Input (RoHS)
NS-205PSE-24V C	R Unmanaged Ethernet switch with 4-PoE and 1 RJ45 uplink connectors. 24 VDC 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)
АРЖ77ВАМ	Wi-Fi Access Point (with category A plug type) (RoHS)