



DVW-W02W2-E2



DX-2300LN-WW



DX-2100RW-WW



IFD9507



IFD8500



IFD6500

Communication devices

type	No. Ports	operating temperature	description
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Wireless AP/WDS/Client/Gateway Industrial IEEE 802.11 a/b/g/n

The IEEE 802.11n with better data rates by Multiple-input and Multiple-output (MIMO) technology. Supporting bandwidths from 20 MHz to 40 MHz doubling the speed of transmission performance.

- Compliant with IEEE 802.11n wireless technology capable of up to 450Mbps data rate
- Multiple Wireless modes: AP, Client CPE, WDS P-T-P, WDS P-T-MP, Repeater
- Supports 2 x ports RS232/422/485-to-Ethernet Device Server
- Built-in 2 x ports MODBUS ASCII/RTU to MODBUS TCP Gateway
- Built-in 20MB buffer memory to avoid data loss when connection is down
- SNTP (*simple network time protocol*) for network clock synchronization
- USB console interface for easy connection with laptops
- Antennas: 3 x 2dBi omni-directional, RP-SMA(*male*) connector

DVW-W02W2-E2	2	-40 to +75°C	wireless AP/WDS/Client/Gateway
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DX-series industrial cloud solutions

- Data acquisition equipment connected to cloud servers.
- Supports a two-way data collection channel between the device and the cloud
- Supports MODBUS TCP and MODBUS RTU protocols
- Various peripheral interfaces include RS485, RS232 and LAN ports
- Built-in RTC and supports NTP time synchronization over a network
- Supports TCP/IP, UDP, ICMP, DHCP, HTTP, DNS, SSH, TCP and Modbus RTU protocols

Industrial Ethernet cloud router (4-Port LAN FE + 1-Port WAN FE + 1 RS232 + 1 RS485)

Wired industrial router with multiple application interfaces, including Ethernet, RS232 and RS485 serial interfaces. For mobile network interconnection, industrial automation, video surveillance. Safe, reliable data transmission, remote management/configuration, maintenance can be realized.

- Flexible connection method over WAN ports, e.g. static IP, DHCP client and more
- Customisable SMS alarm functions
- SD card for data backup and quick installation

DX-2300LN-WW	5	-20 to +70°C	cloud based Industrial VPN router
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Industrial 3G cloud router (1-Port FE + 1-Port RS232 + 1-Port RS485)

- UMTS/HSPA+ 3G technology, supports a wide range of bands
- Downward compatible with GSM / GPRS / EDGE 2G network

DX-2100RW-WW	1	-20 to +70°C	cloud based Industrial 3G router
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Industrial FieldBus solution

Industrial automation applications for converting communication signals of automation, servo and control devices. IFD communication modules are robust, high quality devices offering stable communication with in-built protection.

Excellent signal processing and isolation properties ensure correct, reliable data transmission.

type	from	to	description
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Ethernet to serial Modbus RS-232/485 converters (full isolation)

IFD9506	RS232/485	MODBUS TCP	converter (<i>inc. power supply</i>)
IFD9507	RS232/485	EtherNet/IP	MODBUS converter (<i>inc. power supply</i>)

Note: To configure IFD devices you need to install DC/Soft

Serial to serial communication converters

IFD6500	USB	RS485	converter (<i>no ext. power supply required</i>)
IFD6530	USB	RS485	with 9V power supply (<i>115.2k bps Max.</i>)
IFD8500	RS232	RS422/485	RS232 isolated converter
IFD8520	RS232	RS422/485	isolated (<i>addressable</i>) converter
IFD8510	RS485	isolated repeater/amplifier	(<i>extends transmission to 1.2 km</i>)

Note: IFD65xx requires special driver to work with Windows OS, available on Delta website.

CAN / Devicenet to serial converters

IFD6503	USB	CAN	CAN to serial converter
IFD9502	RS232/485	DeviceNet	Devicenet to serial converter
IFD9503	RS232/485	CANopen	CANopen to serial converter