



OrionM2M

GSM MODEM

NX

FEATURES:

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GSM and LTE FDD CAT1
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Rapid installation and deployment
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Communicating RS-485/RS-232
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High reliability and stability
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Dual-sim cards
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Wide voltage input 85-420VAC/10-32VDC/5V USB
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Watchdog
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Transparent TCP to Serial, MQTT, LWM2M and COAP
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ESD protection
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Built-in reverse phase protection and over voltage protection



APPLICATIONS: Utility – remote monitoring of resources | Smart building and Industrial Control | Smart Agriculture | Other wireless sensing applications

General		Radio	
Enclosure material	Industrial Aluminum	Communication standards	GSM850/900 GSM1800/1900 LTE FDD CAT1
Number of inputs	1	Type of SIM	2x Mini-sim card slot
Number of outputs	2	Bands	LTE: B1/B3/B5/B7/B8/B20
Number of RS-485 or RS-232	1	Module Rate	LTE FDD (Non-CA CAT 1): Max 10Mbps (DL)/5Mbps (UL) GPRS: Max 85.6kbps (DL)/85.6kbps (UL)
Power supply	85-420VAC	Signal lead	External, SMA
Extra power supply	10-32VDC	Transmission Power Class 1	30±2dBm
Power output to target, V/ma	9/>40	Transmission Power Class 3	23±2.7dBm
EDLC backup time, seconds	30	Transmission Power Class 4	33±2dBm
Communicating interface	USB-C	Protocol	TCP/MQTT/LWM2M/COAP
Indicator	POWER, SIM1, SIM2, NET, STATUS		
Working temperature	-20°C ... +65°C		
IP Rating	IP43		
Dimensions, mm	109x70x40		
Weight, g	≤200		
Warranty operating period, months	12		

Order Info

SKU	Description
NX200	Multifunction Device GSM Modem 2 DI; 1 DO; RS-232; 1 USB; IP43
NX400	Multifunction Device GSM Modem 2 DI; 1 DO; RS-485; 1 USB; IP43