






owa3X Products

A NEW POWERFUL OPEN M2M PLATFORM SUITABLE FOR THE WIRELESS APPLICATION YOU NEED TO DEVELOP

					
FEATURES					
PROCESSOR / MHZ	ARM9 / 400	ARM9 / 400	ARM9 / 400	ARM9 / 400	ARM9 / 400
LINUX OS	2.6.36	2.6.36	2.6.36	2.6.36	2.6.36
RAM	32MB / 64MB	32MB / 64MB	32MB / 64MB	32MB / 64MB	32MB / 64MB
FLASH	32MB	32MB	32MB	32MB	32MB
MICRO SD CARD	YES	YES	YES	YES	YES
GPS	LEA-6S	LEA-6S	LEA-6S	LEA-6S	
GPRS / GSM ¹	CINTERION	CINTERION	CINTERION	CINTERION	CINTERION
DIGITAL INPUTS / OUTPUTS ²	10	10	10	10	10
ANALOG INPUTS ³	4	4	4	4	4
ODOMETER / PULSE COUNTER	YES	YES	YES	YES	YES
DALLAS IButton ⁴			YES	YES	
RS232	3	3	3	3	3
RS485	1	1	1	1	1
ACCELEROMETER	YES	YES	YES	YES	OPTION
CAN	OPTION	OPTION	YES	YES	
KLINE ⁵			YES	YES	
AUDIO	YES	YES	YES	YES	
GSM / GPS CONNECTOR TYPE	FAKRA	FAKRA	FAKRA	FAKRA	SMA (GSM)
INTERNAL ANTENNAS		OPTION		OPTION	
2 USB HOSTS			YES		OPTION
ETHERNET			YES	YES	OPTION
OPTIONAL BATTERY	1800 mAh	1800 mAh	1800 mAh	1800 mAh	1800 mAh
OPTIONAL LONG LIFE BATTERY ⁶		4000 mAh		4000 mAh	
PROTECTION	IP30	IP67	IP30	IP67	IP30
OPTIONAL FEATURES					
I/Os EXPANSION BOARD ⁹			OPTION		OPTION
2 nd CAN			OPTION	OPTION	
2 nd KLINE			OPTION	OPTION	
GYROSCOPE			OPTION	OPTION	
BLUETOOTH ⁷			OPTION	OPTION	OPTION
WiFi ⁸			OPTION	OPTION	OPTION
TETRA ¹¹			OPTION	OPTION	OPTION
EDGE			OPTION	OPTION	OPTION
HSPA / UMTS			OPTION	OPTION	OPTION
SATELLITE ¹⁰			OPTION	OPTION	

Notes:

- Double SIM optional in IP30 products.
 - 10 pins configurable as inputs or outputs.
 - Analog inputs shared with 4 digital I/O pins.
 - iButton shared with one digital I/O pin.
 - KLINE shared with one digital I/O pin. KLINE and RS485 do not work simultaneously.
 - It is not possible to mount the 2 batteries at the same time.
 - BT and Wifi options require 64MB RAM.
 - WiFi units do not have microSD card.
 - Expansion Board with 16 Digital Inputs (40V max); 2 Analog Outputs 12bits (0-5.12V 1.25mV per bit); 8 Analog Inputs 12 bits (0-5.12V 1.25mV per bit; or 0-30.72V 7.5mV per bit); 4 GND (2 Analog); 2 Vout (4.5V) power outputs 100mA max.
 - IRIDIUM 9602 Satellite. Option not compatible with Internal Antennas and/or TETRA. IRIDIUM will use one RX/TX UART, so RS232 ports will be available as 2x (TX/RX).
 - TETRA option will use one RX/TX UART, so RS232 ports will be available as 2x (TX/RX).
- *** MORE INFORMATION IN INTEGRATORS MANUAL ***
OWASYS



m2m Germany GmbH
 Am Kappengraben 18
 61273 Wehrheim
 Tel.: +49-06081-5873860
 E-Mail: info@m2mgermany.de
 Web: www.m2mgermany.de