AKSES
Smart Grid Systems

OSOS.kombi

Looking for a flexible solution?

OSOS.kombi

You prefer automatic meter reading systems to control energy, use it efficiently and save up. What is your preference to use automatic meter reading systems in the most efficient and economical way?

VHS Electronics offers the most advanced OSOS modem, which is designed in a redundant communication structure, capable of local backup of your data for years, which will minimize operating costs, enable you to access the data you need in all circumstances.

Expectation from a correctly constructed and well-functioning OSOS system; stable and continuous data transfer with low operating costs. VHS COMBI is designed to use both GPRS and Ethernet infrastructure in a single device.

OSOS.net

OSOS.net
It provides communication over Ethernet.

OSOS.3

OSOS.3
It provides communication over GSM-GPRS network.

Technical Features	OSOS.3	OSOS.net	OSOS.kombi
Arm Cortex 32 Bit Microprocessor	✓	✓	✓
Up to 4 GB of Internal Memory	✓	✓	✓
Status and Alarm LEDs	4 piece	6 piece	6 piece
Ethernet Port	X	✓	✓
GSM/GPRS	✓	X	✓
RS232, RS485, IEC62056 Optical Ports	✓	✓	✓
Internal Real Time Clock (RTC)	✓	✓	✓
Optional Digital Input	8 piece*	8 piece	8 piece
Optional Analog input	3 piece*	4 piece	4 piece
Digital Outputs	4 piece**	4 piece**	4 piece**
Aesthetic design and durable outer body	✓	✓	✓
Operating temperature of large range	✓	✓	✓
Low Power (<5Watt)	✓	✓	✓
Advanced Alarm Features	✓	✓	✓

Functional Features	OSOS.3	OSOS.net	OSOS.kombi
Network Communication with Backup	X	X	✓
Auto Communication Channel Swicthing	X	X	✓
Infinite virtual memory	X	✓	✓
Advanced I/O	X	X	X
New Generation ARM Cortex Processor & Low Power & High Performans	✓	✓	✓
Autonomous mission applications, independent of the central system	✓	✓	✓
Specific log storage in memory	✓	✓	✓
Flexible connection port	X	✓	✓
Datalogger Capability	X	✓	✓
Packet identification in Modem	✓	✓	✓
Brand independent. Field studies were carried out with different meter brands that are used extensively in the sector.	✓	✓	✓
Communication with different GSM Operators in same network	✓	X	✓
Static/Dynamic IP	✓	✓	✓
Different Control/Command facility with same device	✓	✓	✓
Remote power OFF/ON functions	✓	✓	✓
Read/Write Features such that Energy Analyzer, Reaktif Power Control Relay	✓	✓	✓
High Level data security and authenication (Data Transfer by Cryptographic)	✓	✓	✓
Instant transmission of alarm information to the center	✓	✓	✓
Remote parameter setting and firmware update	✓	✓	✓
Terminal cover opened sensor	✓	✓	✓
Instant transmission of Power OFF alarm to the center	✓	✓	✓

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Will way your future

OSOS.kombi OSOS.net OSOS.3