Saron

SINCE 2016







ENHANCING YOUR FUTURE THROUGH TECHNOLOGY

AGRICULTURE / HOME / INDUSTRY

MAKE IN INDIA

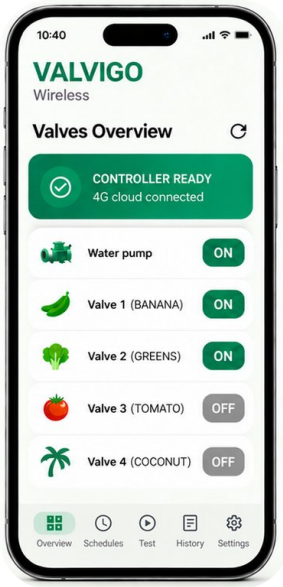
KINFRA DEFENCE PARK,
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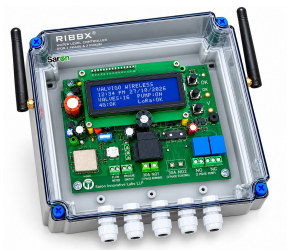
SMART IRRIGATION

VALVIGO WIRELESS

IoT-Based Wireless & Wired Agricultural Valve Automation





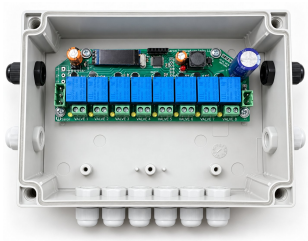


4G valve scheduler & controller



Wireless valve receiver

Available in 2, 4 and 6 valve models With battery and solar panel



8 valve wired interface

Link units in a chain to control 8, 16, 24 or more valves.

- Up to 16 wireless valves
- Together or in sequence
- Control from your phone
- Sump storage & pressure switch detection
- Wired valve connection option
- Flexible watering schedules
- Solar-powered field units
- Pump & fertilizer timing
- Battery & watering history
- ENERVIGO protection & energy monitoring

FREE 4G SIM + 1 YEAR RECHARGE

SMARTER PUMPING. LESS MANUAL CHECKING

MOTCON V3 IoT

IoT-Based Smart Pump Controller



- 4G app control without Wi-Fi
- Live pump status on your phone
- Scheduled & cyclic pump operation
- Live voltage & current monitoring
- Sump-empty & three-phase fault detection
- Optional LoRa wireless tank control
- LEVEL WISE cloud-based tank control
- ENERVIGO protection & energy monitoring

SUPPORTS SINGLE-PHASE AND THREE-PHASE PUMPS

FREE 4G SIM + 1 YEAR RECHARGE

KNOW YOUR WATER. PLAN WITH CONFIDENCE.

LEVEL WISE

IoT-Based Water Level Monitoring System



- Ultrasonic level measurement
- Percentage & volumetric monitoring
- 4G cloud connectivity
- Mobile application interface
- Low-level & full-tank notifications
- Battery & solar charging details
- Configurable magnetic float sensing (4 levels).
- MOTCON V3 automatic pumping integration

FREE 4G SIM + 1 YEAR RECHARGE

MONITOR ENERGY. PROTECT YOUR EQUIPMENT.

ENERVIGO

App-Connected 3-Phase Energy Monitor & Protector



3-PHASE ENERGY MONITOR

- Phase-wise voltage & current monitoring
- Bluetooth + Wi-Fi connectivity
- 60-days energy history
- Voltage & load protection
- Phase-loss & reversal detection
- OLED display & DIN-rail mounting
- 5 A relay output
- App-configurable voltage and current protection thresholds

SCHEDULE YOUR DAY. AUTOMATE YOUR SWITCHING.

TIMIGO

App-Configurable Smart Timer Switch



Note: No online or cloud connectivity. The mobile app is used for configuration and monitoring via Bluetooth.

SMART TIMER SWITCH

- Bluetooth configuration & operation monitoring
- Built-in real-time clock
- 3 day-configurable timers
- 1 cyclic timer
- 60-day running history & graphical display
- 25 A relay load rating
- Timed control of lights & pump sets

ENERVIGO + TIMIGO

Overload / underload and overvoltage / undervoltage protection when interfaced with ENERVIGO.

AUTOMATIC WATER LEVEL CONTROL.

MOTCON V2 WIRELESS

Advanced Long-Range Wireless Water Level Controller



KEY FEATURES

- LoRa wireless range up to 4 km
- Overvoltage & undervoltage protection
- Dry-run protection for the pump
- Tank & sump water level indication
- Reliable magnetic float sensing
- Auto-off timer
- Dry-run restart option
- Automatic restart when power resumes

Transmitter power options: Solar with battery or an AC adapter.

RELIABLE CONTROL WITH A WIRED CONNECTION.

MOTCON V2 WIRED

Advanced Wired Water Level Controller



KEY FEATURES

- Suitable for wiring runs up to 35 metres
- Built-in operating display
- Dry-run protection
- Overvoltage / undervoltage protection
- Auto-off timer
- Dry-run restart option
- Automatic restart when power resumes
- Tank & sump level sensing

NOTE: BOTH MODELS SUPPORT SINGLE-PHASE AND THREE-PHASE PUMPS

SMART WATER LEVEL CONTROL FOR EVERYDAY PUMPING.

MOTCON LITE & MINI

Wireless and wired automatic water-level controllers.



MOTCON LITE WIRELESS

- Automatic pump operation by water level
- LoRa wireless range up to 300 m
- Water-level indication
- Dry-run protection
- Tank & sump level sensing
- Solar-battery or AC adapter transmitter

SUPPORTS SINGLE & THREE-PHASE PUMPS



MOTCON MINI WIRELESS

- Automatic pump operation by water level
- LoRa wireless range up to 150 m
- Water-level indication
- Dry-run protection
- For single-phase pumps
- AC adapter-powered tank transmitter



MOTCON LITE WIRED

- Automatic pump operation by water level
- Water-level indication
- Dry-run protection
- Tank & sump level sensing

SUPPORTS SINGLE & THREE-PHASE PUMPS

SMART LIGHTING. RELIABLE DEVICE PROTECTION.

Light Controls & Protection Devices



POWER IT DAY & NIGHT SENSOR

Automatic Day & Night Light Controller

- Automatically switches lights ON at dusk and OFF at dawn
- IP65-rated weatherproof enclosure
- Lighting load capacity up to 400 W
- Optional 4, 5 or 6-hour timer



POWER IT MOTION SENSOR

Motion-Activated Automatic Light Controller

- Motion detection range up to 7 metres
- Wide 140-degree detection angle
- Automatic light switching on movement
- Hands-free lighting convenience



SURGE GUARD

Voltage Surge Protection Device

- Protect against voltage surges & spikes
- Suitable for BLDC fans & smart TVs
- Protects valuable electronic equipment
- Load capacity: 400 W



AmpGUARD

Single-Phase Motor & Pump Protector

- Overload & underload (dry-run) protection
- Low-voltage & high-voltage protection
- Adjustable current & voltage limits
- Digital display

OUR CLIENTS

KSEB കേരളത്തിന്റെ ഊർജ്ജം	ജലനിധി	KWA Kerala Water Authority	IIM Kozhikode
IISER THIRUVANANTHAPURAM	Fabcore	AVT QUALITY SINCE 1925	KONDODY AUTOCRAFT
MOTHER CARE PROVIDING CARE WITH KINDNESS	EA LAGOO HEALTH RESOR beach, backwaters and beyc	TRAVANCORE BUILDERS	Payyavoor Crushers
Steel Land MACHINERY WORKS	TIRUVALLA MEDICAL MISSION	LADDER MOVE UP	maram resort MAMALAKANDAM
PEEKAY STEEL Steel, the world trusts	V3 HOMES	Centroid Polymer Technologies	AL-AZHAR GROUP OF INSTITUTIONS
PK DAS INSTITUTE OF MEDICAL SCIENCES	TECH HOME Building Quality Homes	THUNDATHIL AGENCIES VENGOLA	J-EL
FARASUN SOLAR ENERGIES	MEA ENGINEERING COLLEGE	NEAMATH WHERE INTEGRITY RESIDES	Kanam
KUTHAMPULLY COTTON Cee Kay & Sons	PUMPS & SYSTEMS since 1978	AHALIA SCHOOL OF PARAMEDICAL SCIENCES	CRAYONS GUEST HOUSE MUNNAR - INDIA

