VF EMS SYSTEM
RTMD/EMS SYSTEM

COLD CHAIN EQUIPMENT

Electronic thermostat with built-in datalogger, GPS and remote temperature data log via GSM. 5" touch display with access to various actual temperatures, datalog, and diagnosis.
Solar powered including datalog of voltage from PV cells.

Watch our EMS video here: EMS FEATURES & FUNCTIONS

SPECIFICATIONS

Display	5" touch screen
Temperature range	−25ºC to +85ºC
Accuracy	±0.5ºC from −10ºC to +85ºC
Battery Backup	72 hours
Sim Card	Supplied with global sim card
Sim Card optional	Can be supplied with local sim card (limited to specific countries)
Voltage range	10-45VDC
IP rating	54
Type	Integrated in lid of VLS appliance

SENSORS

Vaccine compartment 1	YES
Vaccine compartment 2	YES
Freezer (if applicable)	YES
Ice bank	YES
Ambient	YES
Compressor	YES
Lid opening	YES
Battery	YES

DATA LOGGER

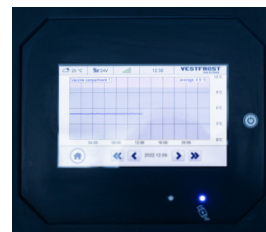|	
Temperature data	5
Temperature reports	30/60 days
Solar voltage	YES
Compressor state on/off	YES
Lid Status/Alarm	YES
GPS coordinates	YES
SMS/Email alarms	YES

FEATURES

Realtime temperature and functionality monitoring
Setpoint settings showed in onlined dashboard
Option to remote control unit setpoints
4 internal temperature sensors
1 ambient sensor
Open lid sensor
Remote alarms
24/7 GSM connectivity
PV Solar Panel output sensor
Compressor temperature sensor
1 x USB energy harvesting option charging e.g.phone
Will inform health staff when weakly/monthly maintenance is required
2G connection

Password access

Remote alarm logs

Real time temperature monitoring

GPS coordinates & GSM connectivity

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