

**GSM Commander PRICELIST****OCT 2019**

<b>GSM COMMANDERS 2G – KIT Version: Includes Antenna, PSU &amp; USB Cable</b>			
The only thing you still need is a SIM, and you are ready to go! All model numbers ending in a XXX1 have a 2G GSM Module inside.			
NOTE: Award-winning SmartSetup V7 Software <b>Included</b> with your purchase of any GSM Commander!			
			Category
* GC0641-KIT	Standard GSM Commander with full GPRS – 2G (Retail Kit)	Cat 1	R 3,970.00
GC1281-KIT	Professional GSM Commander with full GPRS – 2G (Retail Kit) – 5 Year Guarantee	Cat 1	R 4,956.00
GC0321-KIT	Lite GSM Commander with limited GPRS – 2G (Retail Kit)	Cat 1	R 3,013.00
GC0101-KIT	Micro GSM Commander compatible with SmartSetup – 2G (Retail Kit)	Cat 1	R 1,661.00

<b>GSM COMMANDERS 2G – OEM Version: Base unit ONLY, no antenna, PSU &amp; USB cable</b>			
			Category
* GC0641-OEM	Standard GSM Commander with full GPRS – 2G (Base unit only)	Cat 1	R 3,916.00
GC1281-OEM	Professional GSM Commander with full GPRS – 2G (Base unit only) - 5 Year Guarantee	Cat 1	R 4,727.00
GC0321-OEM	Lite GSM Commander with limited GPRS – 2G (Base unit only)	Cat 1	R 2,855.00
GC0101-OEM	Micro GSM Commander compatible with SmartSetup – 2G (Base unit only)	Cat 1	R 1,528.00

<b>GSM COMMANDERS 3G – KIT Version: Includes 3G Antenna, PSU &amp; USB Cable</b>			
The only thing you still need is a SIM, and you are ready to go! All model numbers ending in a GCXXX1-3G have a 3G Module inside.			
NOTE: Award-winning SmartSetup V7 Software <b>Included</b> with your purchase of any GSM Commander!			
			Category
* GC0641-3G-KIT	Standard GSM Commander with full GPRS – 3G (Retail Kit)	Cat 1	R 5,404.00
GC1281-3G-KIT	Professional GSM Commander with full GPRS – 3G (Retail Kit) – 5 Year Guarantee	Cat 1	R 6,496.00
GC0321-3G-KIT	Lite GSM Commander with limited GPRS – 3G (Retail Kit)	Cat 1	R 4,368.00
GC0101-3G-KIT	Micro GSM Commander compatible with SmartSetup! - 3G	Cat 1	R 2,912.00

<b>GSM COMMANDERS 3G – OEM Version: Base unit ONLY, no antenna, PSU &amp; USB cable</b>			
			Category
* GC0641-3G-OEM	Standard GSM Commander with full GPRS – 3G (Base unit only)	Cat 1	R 5,292.00
GC1281-3G-OEM	Professional GSM Commander with full GPRS – 3G (Base unit only) – 5 Year Guarantee	Cat 1	R 6,230.00
GC0321-3G-OEM	Lite GSM Commander with limited GPRS – 3G (Base unit only)	Cat 1	R 4,214.00
GC0101-3G-OEM	Micro GSM Commander compatible with SmartSetup – 3G (Base unit only)	Cat 1	R 2,772.00

<b>PLC COMMANDERS – KIT Version: Includes PSU &amp; USB Cable</b>			
OEM Version: Base unit ONLY, no antenna, PSU or USB cable			
			Category
PLC1280-KIT	PLC Commander. No GSM – Logic Controller only (Retail Kit - No Antenna)	Cat 1	R 1,557.00
PLC1280-OEM	PLC Commander. No GSM – Logic Controller only (Base unit only)	Cat 1	R 1,453.00

<b>EXPANSION UNITS - Customize your commander base unit by adding more functions!</b>			
			Category
GX0505	5 x Input, 5 x Output Expansion unit - not for GC0101	Cat 1	R 749.00
GX1000	10 x Input Expansion unit - not for GC0101	Cat 1	R 749.00
GX1000DCL	10 x Input Low power Expansion unit (Dry contacts only) - not for GC0101	Cat 1	R 809.00
GXS081A	8 x input Analog expansion 4-20mA / 0-30V - Only for GC0641 & GC128x	Cat 1	R 1,661.00
GXS082T	8 x Temperature expansion (-50°C to +120°C, 50m cable lengths) - Only for GC064X & GC128X (Works with GT003 probes – see temperature section!)	Cat 1	R 1,453.00
GXS1000	10 x Wireless Input Expansion (Pairs with DS002 wireless motion sensors)	Cat 1	R 1,661.00

<b>DEMONSTRATION BRIEFCASE - There is nothing as convincing as a working demo! - SHOW your customer!</b>			
			Category
Demo-01	Basic Demo case with GC0641 and GX0505	Cat 2	R 8,008.00
Demo-01-CTM	Cable theft demo case, same as Demo-01 but includes a CTM001	Cat 2	R 9,308.00
Demo-03	Basic Demo case with GC0641-3G and GX0505	Cat 2	R 9,360.00
Demo-03-CTM	Cable theft demo case, same as Demo-03 but includes a CTM001	Cat 2	R 10,660.00
Attractive Demo Briefcase with laser-cut stainless steel internal panel allows you to easily wire up a snazzy demo!			
<b>Includes:</b> Standard GSM Commander (GC0641/3G), GX0505 Expansion unit, 1.2AH Battery, Battery protector, PSU, Switches, indicators, buzzer, battery voltage drop simulator and Analog input potentiometer			

<b>CHEAT SHEET: No Idea how to choose??</b>			
You should check the website at <a href="http://www.gsmcommander.com">www.gsmcommander.com</a> for proper info, but here is the "low-down" for reference..			
You should make use of a device ending in XXX1 if your country still supports 2G communication, and XXX1-3G if your country no longer supports 2G.			
GC0641/3G	Our most popular unit, able to perform a host of interesting logical programming tasks. It supports analog expansion, GPRS functionality and variables (to name a few). Provides 64 behaviour statements, expandable to 22xInputs / 22xOutputs. Ideal for pump control, instrumentation, monitoring of temperature, automation tasks etc.		
GC1281/3G	Our most capable unit, with everything the GC0641 has to offer, plus a 10 YEAR guarantee! Also includes dual-SIM functionality. Provides 128 behaviour statements, expandable to 32xInputs / 32xOutputs. For the professional that insists on the best and the most capable..		
GC0321/3G	Best option for the price-conscious. Supports basic functions, including limited GPRS capabilities. Does not support analog expansion or variables. Provides 32 behaviour statements, expandable to 12xInputs / 12xOutputs. Ideal for status monitoring and basic control applications.		
GC0101/3G	Our new featherweight model. FULLY COMPATIBLE with Smartsetup Software! 1xinput, 1xoutput. Not expandable. Supports basic functions, including limited GPRS capabilities. No temperature or Analog inputs. Provides 10 behaviour statements. Perfect for those applications where you need to do one simple thing only, and do it well..		

all pricing are ex VAT

## READY-TO-MOUNT BOXES

**Why choose a "Ready-To-Mount"?** If you have ever assembled a complete panel with all the bells and whistles, then you **know** what real pain is. You will have found how expensive all the bits and pieces can be once they are all on the table, and how difficult it can be to make all those bits fit into a reasonably sized box. From our experience this is too difficult, too expensive and it takes too long.. So we made it easy for you! Here are 3 options that are ready-to-go, and ultra-compact.

### PICO BOX: Ultra-Compact

Mini Ready-To-Mount Kit in IP65 Steel enclosure - 250x200x150mm

**Category**

RTM-PICO	Mini Commander Box assembled -Excl the Commander	Cat 2	R 1,966.00
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Steel box with lazer-cut, zinc plated mounting plates&brackets, includes :

Surge protector + 6 Amp Glass Fuse + enclosed 15W PSU + 1.2AH battery + battery protector + GA007 antenna + door switch

RTM-PICO-SOL	Solar Mini Commander Box pre-assembled -Excl the Commander & Solar Panel	Cat 2	R 2,382.00
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Steel box with lazer-cut, zinc plated mounting plates & brackets, includes :

Solar regulator + 7AH battery + battery protector + GA007 antenna + door switch

**IMPORTANT: GSM Commander not included here. It must be ordered separately!**

Options: On your order, you can include the following items (elsewhere on this pricelist):

- \* GSM Commander: **GC0321/3G-OEM -OR- GC0641/3G-OEM -OR- GC1281/3G-OEM**
- \* Transformer 30VA 400-220V (**Code TRF400K30**) - not for solar version (*duh!*)

Simply specify that you want these built into your Pico box, and it shall be done!

### MAKULU BOX: The Ultimate Solution

Full size Ready-To-Mount kit in IP65 Steel enclosure 300 x 400 x 200mm

**Category**

RTM-MAKULU	Full Commander Kit pre-assembled and tested - Price Excludes the Commander	Cat 2	R 4,159.00
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Steel box with lazer-cut, zinc plated mounting plates and brackets, includes:

- \* Specialized ultra-rugged 5x5 expansion unit including 30A relay and extensive power filtering (AC and DC)
- \* Surge protector, circuit breaker, enclosed 15W PSU, 7AH battery with battery protector
- \* Antenna, door switch, **additional 250mm DINrail space.**

RTM-MAK-SOL	Solar Version pre-assembled and tested -Excl the Commander & Solar Panel	Cat 2	R 4,046.00
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Steel box with lazer-cut, zinc plated mounting plates and brackets, includes:

- \* Specialized ultra-rugged, low power 5x5 expansion unit
- \* Solar Regulator and 2 x 7AH batteries included
- \* Antenna, door switch, **additional 250mm DINrail space.**

**IMPORTANT: GSM Commander not included here. It must be ordered separately!**

Options: On your order, you can include the following items (elsewhere on this pricelist):

- \* GSM Commander: **GC0321/3G-OEM -OR- GC0641/3G-OEM -OR- GC1281/3G-OEM**
- \* Vandal Resistant Antenna: **Code GA200 / GA210 (with built-in vibration sensor)**
- \* Transformer 30VA 400V-220V (**Code TRF400K30**) - not for solar version (*duh!*)
- \* Extra Device (choose one only):
  - Analog Expansion (**Code GXS081A**)
  - Temperature Expansion (**Code GXS082T**)
  - Cable theft Monitor (**Code CTM001**)

Simply specify that you want these built into your Makulu box, and it shall be done!

**You but need something similar, but different?**

- We can configure the Makulu box specially for you! - Send us your requirement, let's talk..

<b>CABLE THEFT PREVENTION</b>		<b>Category</b>	
CTM001	Cable Theft Monitor device. 3Phase (up to 600V). Contact output	Cat 2	R 1,348.00
DCR-03	3Phase DC Reflector (use with CTM)	Cat 2	R 494.00
IVS002	Intelligent Vibration sensor – Adjustable (Relay output)	Cat 2	R 364.00

<b>TEMPERATURE</b>		<b>Category</b>	
GT002	Temp interface module (Interface up to 2 x "GT"-type temperature probes )	Cat 2	R 51.00
GT001-1	Water resistant 2..100°C Analog Temperature probe 2m (need GT002)	Cat 2	R 102.00
GT001-2	Water resistant 2..100°C Analog Temperature probe 4m (need GT002)	Cat 2	R 116.00
GT001-3	Water resistant 2..100°C Analog Temperature probe 8m (need GT002)	Cat 2	R 146.00
GT011-1	Water resistant -15..35°C Analog Temperature probe 2m (need GT002)	Cat 2	R 164.00
GT011-2	Water resistant -15..35°C Analog Temperature probe 4m (need GT002)	Cat 2	R 179.00
GT011-3	Water resistant -15..35°C Analog Temperature probe 8m (need GT002)	Cat 2	R 208.00
GT003A & GT003B	Waterproof 6.3mm Digital Temperature Probe 1m, for use with GXS082T (-50°C to +120°C) GT003A is a PRIMARY sensor, and the GT003B is a SECONDARY sensor. (One of each per port on the GXS082T) These probes can be extended up to 50m on request as follows: <b>PVC Cable (0°C &gt; 60°C rating) @ R8 / meter OR Teflon Cable (-60°C &gt; 155°C rating) @ R90 / meter</b> You may specify a combination of PVC & Teflon! Part Number's will work as follows: <b>GT003A/B-PP-TT</b> Where PP is the length of PVC & TT is the length of Teflon, thus: A Primary probe with 20m of PVC followed by 2m of Teflon at the probe end, will be GT003A-20-02	Cat 2	R 165.00
GXS082T	8 x Temperature expansion (-50°C to +120°C, up to 50m cable lengths) (Works with GT003 probes, and only with GC0641, GC128x models)	Cat 1	R 1,453.00
GTPT100/61	PT100 temperature probe 1m (R10/m if longer required) + 4-20mA controller (analogue expansion can handle up to 8 of these)	Cat 2	R 2,548.00

<b>POWER SUPPLIES &amp; BATTERIES</b>		<b>Category</b>	
BATT1.2AH	12V SLA Battery 1.2AH - (Supplied with 75cm of battery wire)	Cat 2	R 186.00
BATT 7AH	12V SLA Battery 7AH - (Supplied with 75cm of battery wire)	Cat 2	R 296.00
BATTBR7AH	Mounting bracket for 7AH Battery (Mount the battery on its end onto a base plate)	Cat 2	R 86.00
BP001	Battery Protector – Protects batteries against under-voltage, overcurrent	Cat 2	R 301.00
PSU1405	Mini Switching Power supply (14v, 500mA)	Cat 2	R 93.00
PSU1417	Metal Switching PSU (14V, 1.7A) – Includes GS050	Cat 2	R 292.00
DC-DC	DC-DC Step Up Power Module (Input 3Vdc – 32Vdc / Output of 5Vdc - 35Vdc @ 3A)	Cat 2	R 229.00
PSU24075	Inline Chassis Mount IP67 Switching PSU (24V, 0.75A)	Cat 2	R 229.00

<b>POWER-RELATED</b>		<b>Category</b>	
KWH1	Kwh Meter with pulse output (0.04 – 62 Amp) - 1 Pulse / WH	Cat 2	R 727.00
KWH1PST	KWH1 Meter & PST001 Pulse stretcher (ready to connect to GSM Commander) Usable to measure up to 11KW continuously	Cat 2	R 831.00
PST001	Pulse Stretcher module – allows GSM Commander to monitor KWH meters	Cat 2	R 115.00
220VIN	220V AC Input module – allows GSM Commander to directly sense presence of 220VAC	Cat 2	R 113.00
DCF-01	DC filter for GSM Commander power input – ripple filtering	Cat 2	R 195.00
JQX-50F-220V	Relay with screw terminals 30Amp SPDT (220VAC coil)	Cat 2	R 165.00
JQX-50F-12V	Relay with screw terminals 30Amp SPDT (12VDC coil)	Cat 2	R 165.00
FDC-K0910M	3Phase contactor / power fail isolator 230V (for use with CTM)	Cat 2	R 301.00
FDC-K0910Q	3Phase contactor / power fail isolator 400V (for use with CTM)	Cat 2	R 301.00
NU-230	Surge Arrestor 230V 2P 5kA	Cat 2	R 185.00
TRF400K30	400-220V transformer (30VA)	Cat 2	R 465.00

<b>SOLAR POWER</b>		<b>Category</b>	
Solar-1	10W panel + 7AH Batt + Controller	Cat 2	R 820.00
Solar-2	20W panel + 2 x 7AH Batt + Controller	Cat 2	R 1,309.00
PV-10	10W Solar Panel separate	Cat 2	R 255.00
PV-20	20W Solar Panel separate	Cat 2	R 434.00
SC-001	10Amp 12V Solar Charge Controller	Cat 2	R 474.00
SC-002	6 Amp Petti Solar Charge Controller with battery Protector	Cat 2	R 348.00

<b>SECURITY GOODIES</b>		<b>Category</b>	
DS002	Outdoor Wireless Motion Sensor – 433MHz	Cat 1	R 1,129.57
PIR-I433	Indoor Wireless Motion Sensor – 433MHz – Works with GXS1000 & DVA6001S	Cat 2	R 360.00
DIR01	Indoor Repeater	Cat 2	R 955.65
DMTX01	Mini TX Transmitter	Cat 2	R 365.22
GA100	Stealth RFID Reader 125KHz (ultra-rugged) + vibration sensor	Cat 2	R 717.00
TAG-125	RFID Tag for 125KHz RFID Readers	Cat 2	R 26.00
IVS002	Intelligent Vibration sensor – Adjustable (Relay output)	Cat 2	R 364.00
IM-140	Plastic magnetic door switch with magnet	Cat 2	R 32.00
KPS-100T	12VDC Electronic Siren 15W 108dB	Cat 2	R 96.00
PIR-02	Pet-Friendly wired PIR Sensor	Cat 2	R 254.00
HAB-100	Habanero 110ml gas dispenser unit with enclosure (can run from 9-15volts) incl 1 x HAB-110	Cat 2	R 843.00
HAB-101	Habanero 110ml gas dispenser unit -only the internals (can run from 9-15volts) incl 1 x HAB-110	Cat 2	R 697.00
HAB-110	110ml Refill for Habanero Pepper gas dispenser	Cat 2	R 162.00

<b>SENSORS</b>		<b>Category</b>
FLT01	Heavy-duty float switch (with 5m cable) – for large reservoirs	Cat 2 R 572.00
FLT02	Miniature float switch – for small tanks	Cat 2 R 328.00
GPS-01	GPS Expansion - Allows GSM Commander to receive its Location, Speed, Altitude & Geo-Fencing	Cat 2 R 1,245.00
PRES0102	10Bar Pressure sensor with 4-20mA (Loop Powered) output ½" thread	Cat 2 R 3,076.00
PRES0104	10Bar Pressure sensor with 4-20mA (Loop Powered) output ¼" thread	Cat 2 R 3,076.00
PG1300-5	Drop In Pressure Sensor for H2O, 5m Height Tank, with 4-20mA Loop Powered Output	Cat 2 R 1,908.00
PG1300-10	Drop In Pressure Sensor for H2O, 10m Height Tank, with 4-20mA Loop Powered Output	Cat 2 R 2,788.00
RAIN-01	ABS Plastic rain meter with pulse output, including pulse stretcher (0.3mm of rain per pulse)	Cat 2 R 706.00
CT-*	Current Transducer, 32m, with 4-20mA Output (ONLY for AC, available in * 50, 100, 150, 200Amp)	Cat 2 R 1,305.00

<b>CABLES</b>		<b>Category</b>
GS001	SMA Extension cable 1m (Male – Female)	Cat 2 R 148.00
GS001M	SMA Extension cable 1m (Male – Male)	Cat 2 R 148.00
GS005	SMA Low-Loss Extension cable 5m	Cat 2 R 294.00
GS006	SMA Low-Loss Extension cable 10m	Cat 2 R 463.00
GS010	USB Cable (Type A to mini B)	Cat 2 R 32.00
GS011	USB Extension Cable 5m (Type A Male to Type A Female)	Cat 2 R 113.00
GS020	Spare Expansion ribbon cable 40cm	Cat 2 R 20.00
GS030	Serial (RS232) communications cable 1m – Female	Cat 2 R 76.00
GS031	Serial (RS232) communications cable 1m – Male	Cat 2 R 76.00
GS040	Serial (RS232) to USB converter adaptor	Cat 2 R 390.00
GS050	DC Jack Cable 1m (for use with other PSUs)	Cat 2 R 23.00
GS060	Right Angle USB Cable (Type A to RA mini B) – Get to that USB even in tight spots!	Cat 2 R 58.00

<b>ANTENNAS</b>		<b>Category</b>
GA002	Magnetic base antenna 3dBi 850/900/1800/1900/2100MHz (Cable length 1m)	Cat 2 R 106.00
GA009	Magnetic base antenna 5dBi 850/900/1800/1900/2100MHz (Cable length 1m)	Cat 2 R 197.00
GA012	Magnetic base antenna 12dBi 900/1800MHz (Cable length 3m)	Cat 2 R 517.00
GA007	Outdoor antenna 2dBi knobby screw mount 850/900/1800/1900/2100MHz (Cable length 2m)	Cat 2 R 155.00
GA004	Outdoor antenna 5dBi screw mount 850/900/1800/1900/2100MHz (Cable length 3.5m)	Cat 2 R 332.00
GA008	Outdoor Yagi antenna 12dBi 850/900/1800/1900/2100MHz (Cable length 10m)	Cat 2 R 1,455.00
GA200	Stealth outdoor 2dBi pentaband antenna (ultra-rugged) – 1m Cable	Cat 2 R 309.00
GA210	Stealth outdoor 2dBi pentaband antenna (ultra-rugged) + Vibration Sensor – 1m Cable	Cat 2 R 933.00
GA201	Stealth outdoor 2dBi pentaband antenna WITH 125KHz RFID Reader + vibration sensor	Cat 2 R 1,237.00
GA433	Magnetic base RF antenna 2dBi 433Mhz (Cable length 1m) - For use with DVA6001 & GXS1000	Cat 2 R 165.22

<b>OTHER STUFF</b>		<b>Category</b>
CELLC-SP	Prepaid Cell C SIM – <b>We can RICA it for you!</b>	Cat 4 R 0.00
PDI001	Pulse Divider module – allows GSM Commander to divide pulses by 50, 100 or 200	Cat 2 R 364.00
DIN1	Dinrail mounting clips for GSM Commander & Expansions	Cat 2 R 76.00
SBOX2025	200 x 250 x 150mm Powder coated mildsteel IP65 enclosure with base plate	Cat 2 R 509.00
SBOX3040	300 x 400 x 200mm Powder coated mildsteel IP65 enclosure with base plate	Cat 2 R 780.00
UNIBASE3040	Universal pre-drilled base-plate for SBOX3040	Cat 2 R 162.00
W201	Black 3Core Cabtire cable 0.5mm per meter (for lengthening of probes leads etc)	Cat 2 R 7.00
W202	Grey 4Core Shielded cable 0.22mm per meter	Cat 2 R 8.00

all pricing are excl VAT

<b>AIRDRIVE SUBSCRIPTIONS</b> Web based management interface using GPRS data		<b>Category</b>
AD011	AirDrive Viewer. Status viewing only. No historical logs, no events, no downloads.	Cat 3 Free
AD012	AirDrive Historian (Price per year per device) Status viewing, Logging, History, Events* (no Remote config or Output Control) Fields marked with a * are ONLY compatible with a GC0641/3G or GC1281/3G	Cat 3 R360 pa
AD013	AirDrive Editor (Price per year per device) Status viewing, Logging, History, Events*, CSV Download, Remote Config*, Remote Control* Fields marked with a * are ONLY compatible with a GC0641/3G or GC1281/3G	Cat 3 R 600.00

<b>SMARTSETUP V7</b> The ultimate GSM configuration software – now everyone is a programmer!		<b>Category</b>
SS7.xx	Latest edition SmartSetup V7 (Value R480)	Cat 3 R 0.00
SS7CD	Latest edition SmartSetup V7 on CD (Value R480) – pay only for the CD!	Cat 3 R 21.00
SS6.31	Older version SmartSetup V6 (Value R320)	Cat 3 R 0.00

<b>HARDWARE UPGRADES</b>		<b>Category</b>
Polygon Technologies no longer offer upgrades on GSM Commanders as of 1 Nov 2019.		