

# FEATURE MATRIX

Model	Onboard Inputs	Onboard Outputs	Expandable Inputs/Outputs	Max Number of Statements	Max number of Phone Numbers	Max number of Messages	Max Length of Messages	Setup Memory	0-100deg Temp probes supported	0-10v Analog Inputs	Battery / Power Monitor	Configuration Via USB	DTMF Decoder	SIM Card Slots
GB0101	1	1	NONE	N/A	16	1	16	N/A	0	0	YES	NO	NO	Single
GC0321	2	2	12/12	32	250	64	128	2kb	2	1	YES	YES	NO	Single
GC0641	2	2	22/22	64	512	128	128	4kb	2	1	YES	YES	YES	Single
GC1281	2	2	32/32	128	512	128	128	8kb	2	1	YES	YES	YES	Dual

## Matrix Feature Descriptions

<b>Model</b>	The code used to define between the various units functionality and capabilities
<b>Onboard Inputs</b>	The number of inputs provided on the base unit itself
<b>Onboard Outputs</b>	The number of outputs provided on the base unit itself
<b>Expandable Inputs/Outputs</b>	The maximum total number of Inputs/Outputs that can be expanded to by fitting expansion units
<b>Max Number of Statements</b>	A measure of the amount of complexity that can be programmed into the unit. Each statement is of the form IF <ABC happens> THEN <do something>, such as IF Input 1 goes Active, THEN send "Generator Tripped" to "0831231234"
<b>Max Number of Phone Numbers</b>	The maximum total number of phone numbers that can be programmed into the unit
<b>Max Number of Messages</b>	The maximum total number of messages that can be programmed into the unit
<b>Max Number of Statements</b>	The maximum total number of behaviour statements that can be programmed into the unit
<b>Setup Memory</b>	The amount of memory that is available for setup. - This is a measure of how much information the setup can contain. Each 1kb of memory can store up to 146 Telephone numbers, or 56 Messages(16 characters each)
<b>0-100deg Temp Probes supported</b>	The number of temperature probes the base unit can accept
<b>0-10v Analog Inputs</b>	The number of analog Inputs available
<b>Battery / Power Monitor</b>	The ability to detect power failures and monitor a connected battery.
<b>Configuration Via USB</b>	The unit is configured via software from a PC.
<b>DTMF Decoder</b>	if YES, the unit is able to recognize (and respond to) key presses on a remote phone during a voice call.
<b>SIM Card Slots</b>	If Single, the unit has only a single SIMcard slot. If the SIMcard in that slot becomes faulty or the associated network goes down, the unit loses communication ability. If Dual, the unit can switch over to a secondary SIMcard if it detects problems on the primary SIMcard, thus greatly enhancing reliability.