GSM Remote Control System

Features

- Two way remote control via SMS Text

- Easy to install and configure using SMS text message

- No PC required.

- 2 digital inputs (volt free)

- 2 x Relay Changeover Contacts rated 240Vac 5A

- Optional external temperature measurements

- User can set inputs and outputs names

- Waterproof enclosure rated IP68

- Worldwide Quad Band GSM.

Applications

- Remote Maintenance, warnings / Alarms/ Reset
- Heating Systems
- Irrigation Systems
- Remote system monitoring
- Plant Maintenance
- Security Systems
- Alert / Panic caller
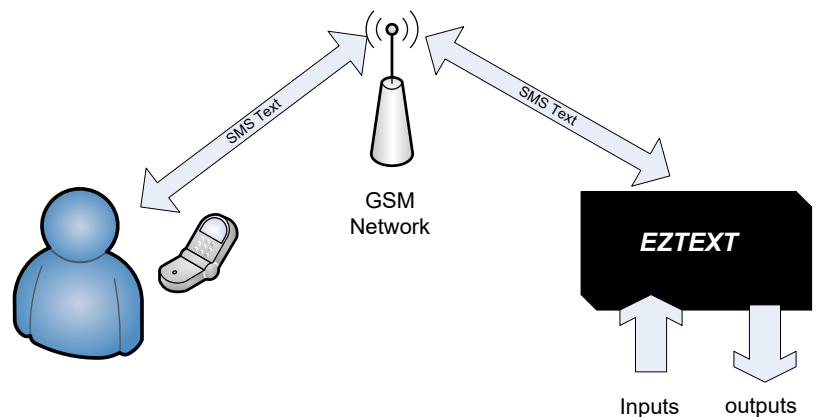
Description

EZTEXT is a self contained two way Remote Control System which provides two changeover contact switches and two 'no volt' switch detect inputs. EZTEXT will send text messages to up to five users if its input is activated or at a temperature set point. A user can control EZTEXT switches by sending text messages. Custom messages may be set easily via configuration text messages.

FM76316

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Safety Information

Carefully read the following safety information before proceeding with installation, operation, or maintenance of RF Solutions product. Failure to follow these warnings could result in death or serious injury

- This radio system must not be used in areas where there is a risk of explosion.
- Only qualified personnel should be permitted to access the transmitter and operate the equipment.
- Always follow operating information as well as all applicable safety procedures and requirements.
- You must satisfy the age requirements in your country for operating the equipment.
- Store in a safe place.
- Keep a clear view of the work area at all time before using, check it is safe to do so

Before maintenance intervention on any remote controlled equipment
- Do not open the receiver enclosure unless you are qualified.
- Disconnect all electrical power from the equipment.
- Check the enclosure and cable for damage regularly, do not use if there is evidence of damage

Battery Precautions

- Risk of explosion if battery is replaced with a battery of an incorrect type.
- Do not short-circuit, disassemble, deform or heat batteries.
- Never attempt to charge a visibly damaged or frozen battery.
- Do not use or charge the battery if it appears to be leaking, deformed or damaged in any way.
- Immediately discontinue use of the battery if, while using, charging, or storing the battery, the battery emits an unusual smell, feels hot, changes color, changes shape, or appears abnormal in any other way.
- Keep batteries out of reach of small children. Should a child swallow a battery, consult a physician immediately.

Electrical Safety

ISOLATE the mains electricity supply before removing the cover and observe any relevant safety information.

- Maintenance to the product that involves removal of the cover should only be carried out by a competent person or qualified electrician
- Ensure adequate protection on the Load circuit
- Refer to Product Datasheet for MAX operating Load.
- Product must be installed in accordance with the local country electrical regulations
- A current limiting supply must be used in accordance with the datasheet

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Information sur la sécurité

Lisez attentivement les informations de sécurité suivantes avant de procéder à l'installation, l'utilisation ou la maintenance du produit RF Solutions. Le non-respect de ces avertissements peut entraîner la mort ou des blessures graves

- Ce système radio ne doit pas être utilisé dans des zones présentant un risque d'explosion
- Seul le personnel qualifié doit être autorisé à accéder à l'émetteur et à utiliser l'équipement.
- Suivez toujours les instructions d'utilisation ainsi que toutes les procédures et exigences de sécurité applicables.
- Vous devez satisfaire aux exigences d'âge dans votre pays pour utiliser l'équipement
- Il est strictement interdit d'utiliser l'équipement sous l'influence de drogues, d'alcool et/ou de médicaments.
- Conserver dans un endroit sûr.
- Gardez une vue dégagée sur la zone de travail à tout moment

Avant intervention de maintenance sur tout équipement télécommandé
- N'ouvrez pas le boîtier du récepteur à moins d'être qualifié
- Coupez toujours l'alimentation électrique de l'équipement.
- Vérifiez régulièrement que le boîtier et le câble ne sont pas endommagés, ne les utilisez pas s'il y a des preuves de dommages

Précautions Concernant la Batterie

- Risque d'explosion si la batterie est remplacée par une batterie d'un type incorrect.
- Ne pas court-circuiter, démonter, déformer ou chauffer les batteries.
- N'essayez jamais de charger une batterie visiblement endommagée ou gelée.
- N'utilisez pas et ne chargez pas la batterie si elle semble fuir, déformée ou endommagée de quelque manière que ce soit.
- Cessez immédiatement d'utiliser la batterie si, lors de l'utilisation, du chargement ou du stockage de la batterie, la batterie émet une odeur inhabituelle, est chaude, change de couleur, change de forme ou semble anormale de toute autre manière.
- Gardez les piles hors de portée des jeunes enfants. Si un enfant avale une pile, consultez immédiatement un médecin.

Avertissements de sécurité

- ISOLER l'alimentation électrique avant de retirer le couvercle et observer toutes les précautions de sécurité pertinentes.
- L'entretien du produit qui implique le retrait du couvercle ne doit être effectué que par une personne compétente ou un électricien qualifié.
- La valeur nominale du fusible F2 est de 4A (T) 250 H (céramique). Remplacez le fusible par le même type et la même valeur nominale.
- La sortie relais est évaluée à 10A en crête et 5A en constante.
- Le produit doit être connecté à une alimentation à fusible ou à une prise de connexion appropriée répondant aux exigences du pays d'installation.

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Veiligheidsinformatie

Lees de volgende veiligheidsinformatie zorgvuldig door voordat u doorgaat met de installatie, bediening of het onderhoud van het RF Solutions-product. Het niet opvolgen van deze waarschuwingen kan de dood of ernstig letsel tot gevolg hebben

- Dit radiosysteem mag niet worden gebruikt in gebieden waar explosiegevaar bestaat.
- Alleen gekwalificeerd personeel mag toegang krijgen tot de zender en de apparatuur bedienen.
- Volg altijd de bedieningsinformatie en alle toepasselijke veiligheidsprocedures en -vereisten.
- U moet voldoen aan de leeftijdsvereisten in uw land voor het gebruik van de apparatuur.
- Bewaar op een veilige plaats.
- Houd te allen tijde een duidelijk zicht op het werkgebied voordat u het gebruikt, controleer of het veilig is om dit te doen

Vóór onderhoudsinterventie op op afstand bediende apparatuur
- Open de behuizing van de ontvanger niet tenzij u hiervoor gekwalificeerd bent.
- Koppel alle elektrische stroom van de apparatuur los.
- Controleer de behuizing en kabel regelmatig op beschadigingen, niet gebruiken als er tekenen van schade zijn

Voorzorgsmaatregelen voor de batterij

- Explosiegevaar als de batterij wordt vervangen door een batterij van een onjuist type.
- Batterijen niet kortsluiten, demonteren, vervormen of verhitten.
- Probeer nooit een zichtbaar beschadigde of bevroren batterij op te laden.
- Gebruik of laad de batterij niet op als deze lekt, vervormd of op enigerlei wijze beschadigd is.
- Stop onmiddellijk met het gebruik van de batterij als de batterij tijdens het gebruik, het opladen of opslaan van de batterij een ongewone geur afgeeft, warm aanvoelt, van kleur verandert, van vorm verandert of er op een andere manier abnormaal uitziet.
- Houd batterijen buiten het bereik van kleine kinderen. Raadpleeg onmiddellijk een arts als een kind een batterij inslikt.

Electrische veiligheid

ISOLEER de netvoeding voordat u het deksel verwijdert en neem alle relevante veiligheidsinformatie in acht.

- Onderhoud aan het product waarbij de afdekking moet worden verwijderd, mag alleen worden uitgevoerd door een competent persoon of een gekwalificeerde elektricien.
- Zorg voor voldoende bescherming op het belastingscircuit
- Raadpleeg het productgegevensblad voor de MAX bedrijfsbelasting.
- Het product moet worden geïnstalleerd in overeenstemming met de plaatselijke elektriciteitsvoorschriften van het land.
- Er moet een stroombegrenzende voeding worden gebruikt in overeenstemming met de datasheet

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Sicherheitsinformation

Lesen Sie die folgenden Sicherheitsinformationen sorgfältig durch, bevor Sie mit der Installation, dem Betrieb oder der Wartung des RF Solutions-Produkts fortfahren. Die Nichtbeachtung dieser Warnungen kann zum Tod oder zu schweren Verletzungen führen.

- Dieses Funksystem darf nicht in explosionsgefährdeten Bereichen eingesetzt werden.
- Nur qualifiziertem Personal sollte der Zugang zum Messumformer und die Bedienung des Geräts gestattet werden.
- Befolgen Sie immer die Betriebsinformationen sowie alle geltenden Sicherheitsverfahren und -anforderungen.
- Für den Betrieb des Geräts müssen Sie die Altersanforderungen Ihres Landes erfüllen.
- An einem sicheren Ort aufbewahren.
- Behalten Sie vor der Verwendung jederzeit freie Sicht auf den Arbeitsbereich und prüfen Sie, ob dies sicher ist

Vor Wartungsarbeiten an ferngesteuerten Geräten

- Öffnen Sie das Empfängergehäuse nur, wenn Sie dafür qualifiziert sind.
- Trennen Sie die gesamte Stromversorgung vom Gerät.
- Gehäuse und Kabel regelmäßig auf Beschädigungen prüfen, bei Anzeichen von Beschädigungen nicht verwenden.

Vorsichtsmaßnahmen für den Akku

- Explosionsgefahr, wenn die Batterie durch eine Batterie eines falschen Typs ersetzt wird.
- Batterien nicht kurzschließen, zerlegen, verformen oder erhitzen.
- Versuchen Sie niemals, eine sichtbar beschädigte oder eingefrorene Batterie aufzuladen.
- Verwenden oder laden Sie den Akku nicht, wenn er undicht, deformiert oder in irgendeiner Weise beschädigt ist.
- Stellen Sie die Verwendung des Akkus sofort ein, wenn der Akku während des Gebrauchs, Aufladens oder Lagerns einen ungewöhnlichen Geruch verströmt, sich heiß anfühlt, seine Farbe ändert, seine Form ändert oder auf andere Weise ungewöhnlich erscheint.
- Bewahren Sie Batterien außerhalb der Reichweite von kleinen Kindern auf. Sollte ein Kind eine Batterie verschlucken, suchen Sie sofort einen Arzt auf.

Elektrische Sicherheit

TRENNEN Sie die Netzstromversorgung, bevor Sie die Abdeckung entfernen und beachten Sie alle relevanten Sicherheitshinweise.

- Die Wartung des Produkts, bei der die Abdeckung entfernt wird, darf nur von einer sachkundigen Person oder einem qualifizierten Elektriker durchgeführt werden.
- Sorgen Sie für einen ausreichenden Schutz des Lastkreises
- Siehe Produktdatenblatt für MAX Betriebslast.
- Das Produkt muss in Übereinstimmung mit den örtlichen Elektrovorschriften des Landes installiert werden.
- Es muss eine Strombegrenzungsversorgung gemäß Datenblatt verwendet warden.

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Información de seguridad

Lea atentamente la siguiente información de seguridad antes de continuar con la instalación, operación o mantenimiento del producto de RF Solutions. El incumplimiento de estas advertencias podría provocar la muerte o lesiones graves.

- Este sistema de radio no debe utilizarse en áreas donde exista riesgo de explosión.
- Solo se debe permitir el acceso al transmisor y operar el equipo a personal calificado.
- Siga siempre la información de funcionamiento, así como todos los procedimientos y requisitos de seguridad aplicables.
- Debe cumplir con los requisitos de edad en su país para operar el equipo.
- Almacenar en un lugar seguro.
- Mantenga una vista clara del área de trabajo en todo momento antes de usar, verifique que sea seguro hacerlo

Antes de la intervención de mantenimiento en cualquier equipo controlado a distancia

- No abra la caja del receptor a menos que esté calificado.
- Desconecte toda la energía eléctrica del equipo.
- Compruebe la carcasa y el cable en busca de daños con regularidad, no los utilice si hay evidencia de daños

Batterivarningar

- Riesgo de explosión si se reemplaza la batería por una de tipo incorrecto.
- No cortocircuite, desmonte, deforme ni caliente las baterías.
- Nunca intente cargar una batería visiblemente dañada o congelada.
- No utilice ni cargue la batería si parece tener una fuga, estar deformada o dañada de alguna manera.
- Interrumpa inmediatamente el uso de la batería si, al usar, cargar o almacenar la batería, la batería emite un olor inusual, se siente caliente, cambia de color, cambia de forma o tiene un aspecto anormal de alguna otra manera.
- Mantenga las baterías fuera del alcance de los niños pequeños. Si un niño se traga una batería, consulte a un médico de inmediato.

Seguridad ELECTRICA

AISLE el suministro eléctrico de la red antes de quitar la tapa y observe cualquier información de seguridad relevante.

- El mantenimiento del producto que implica la extracción de la cubierta solo debe ser realizado por una persona competente o un electricista calificado.
- Asegurar una protección adecuada en el circuito de carga.
- Consulte la hoja de datos del producto para conocer la carga operativa MÁXIMA.
- El producto debe instalarse de acuerdo con las normativas eléctricas locales del país.
- Se debe utilizar un suministro de limitación de corriente de acuerdo con la hoja de datos

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Informazioni sulla sicurezza

Leggere attentamente le seguenti informazioni sulla sicurezza prima di procedere con l'installazione, il funzionamento o la manutenzione del prodotto RF Solutions. La mancata osservanza di queste avvertenze può provocare morte o lesioni gravi

- Questo sistema radio non deve essere utilizzato in aree a rischio di esplosione.
- L'accesso al trasmettitore e l'utilizzo dell'apparecchiatura deve essere consentito solo a personale qualificato.
- Seguire sempre le informazioni operative, nonché tutte le procedure e i requisiti di sicurezza applicabili.
- È necessario soddisfare i requisiti di età nel proprio paese per l'utilizzo dell'apparecchiatura.
- Conservare in un luogo sicuro.
- Mantenere sempre una visione chiara dell'area di lavoro prima dell'uso, controllare che sia sicuro farlo

Prima dell'intervento di manutenzione su qualsiasi apparecchiatura telecomandata

- Non aprire l'involucro del ricevitore se non si è qualificati.
- Scollegare tutta l'alimentazione elettrica dall'apparecchiatura.
- Controllare regolarmente la custodia e il cavo per verificare che non siano danneggiati, non utilizzare se vi sono segni di danneggiamento

Precauzioni per la batteria

- Rischio di esplosione se la batteria viene sostituita con una di tipo errato.
- Non cortocircuitare, smontare, deformare o surriscaldare le batterie.
- Non tentare mai di caricare una batteria visibilmente danneggiata o congelata.
- Non utilizzare o caricare la batteria se sembra perdere, deformata o danneggiata in alcun modo.
- Interrompere immediatamente l'uso della batteria se, durante l'utilizzo, la ricarica o la conservazione della batteria, la batteria emette un odore insolito, è calda, cambia colore, cambia forma o appare anormale in qualsiasi altro modo.
- Tenere le batterie fuori dalla portata dei bambini piccoli. Se un bambino ingerisce una batteria, consultare immediatamente un medico.

Sicurezza elettrica

ISOLARE l'alimentazione di rete prima di rimuovere il coperchio e osservare tutte le informazioni di sicurezza pertinenti.

- La manutenzione del prodotto che comporta la rimozione del coperchio deve essere eseguita solo da una persona competente o da un elettricista qualificato.
- Garantire un'adeguata protezione sul circuito di carico
- Fare riferimento alla scheda tecnica del prodotto per il carico operativo MAX.
- Il prodotto deve essere installato in conformità con le normative elettriche locali del paese.
- È necessario utilizzare un'alimentazione con limitazione di corrente in conformità con la scheda tecnica

EZTEXT

Ordering Information

PART No	Description
EZTEXT	GSM telemetry system IP68 enclosure
BAT-EZTEXT-2	Optional lithium battery 950mAH
PSU-12V1A-IP	Power supply IP67
CBA-UFLSMA	Cable assembly for external antenna
CBA-EZTEMP2	Temperature sensor cable

Insert SIM card
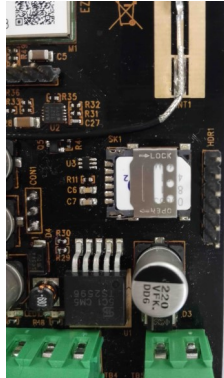
Insert SIM Card Here
1. Slide retaining clip to the Left and open.
2. Place Nano SIM on base.
3. Close Lid and slide to the Right to lock.

Please note:

- Insert nanoSIM Card before applying power (standard 3 Volt SIM only).

- The message memory of the SIM card should be clear before it is fitted.

- Ensure that the SIM card has not been PIN code protected!

- Beware of Pay-as-you-go SIM which require regular top-up to remain active.

- It is recommended to bar Incoming voice calls to the SIM card to avoid error messages being sent back to the user. This can be achieved by calling the service provider.

The SIM card should be inserted into EZTEXT before applying power

- **RF Solutions recommends O2 and Vodaphone SIM card and has carried out extensive testing using the SIM cards we have for these two networks.**

- **No guarantee can be given for the operation of this product with any network except those that have been tested by RF Solutions.**

Connect inputs/outputs and power connections

The EZTEXT unit can be powered from 9 to 24Vdc.
Inputs are VOLT free.
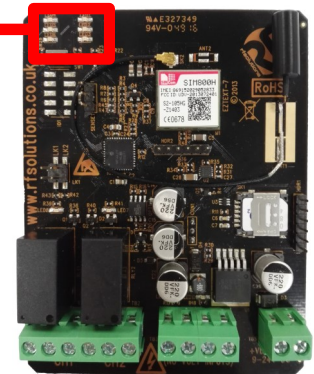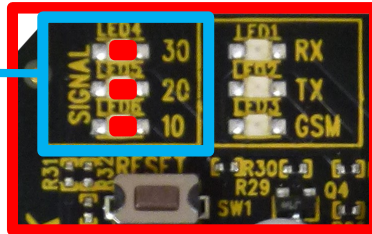Outputs are Relay Changeover Contacts as shown below.
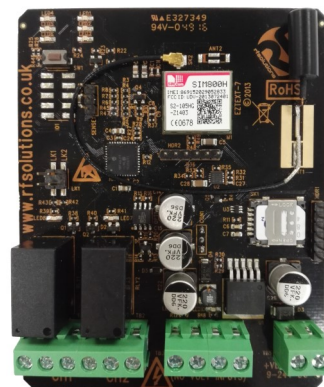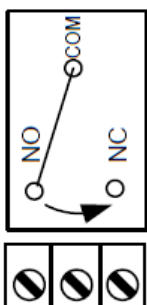
1	2	1	2	Supply
Outputs		Inputs		Terminals

EZTEXT

LED Indication at Start up

Logging onto Network (traffic light sequence)

30	🔴	⬜	⬜	🔴	⬜	⬜
20	⬜	🔴	⬜	⬜	🔴	⬜
10	⬜	⬜	🔴	⬜	⬜	🔴

Error! (All Flash ON / OFF together)

30	🔴	⬜	🔴	⬜	🔴	⬜
20	🔴	⬜	🔴	⬜	🔴	⬜
10	🔴	⬜	🔴	⬜	🔴	⬜
RX	🔴	⬜	🔴	⬜	🔴	⬜
TX	🟢	⬜	🟢	⬜	🟢	⬜

Error - No GSM Service
1. Check SIM Card
2. Check Antenna Connection

4. LED Indication after start up (normal operation)

### Signal Strength

Good	OK	Poor
🔴		
🔴	🔴	
🔴	🔴	🔴
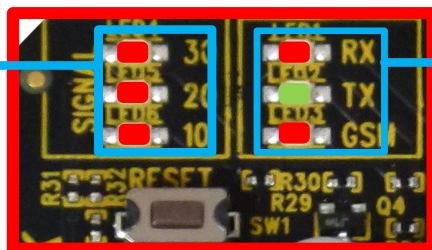
Activity LED's

| RX	Flashes when Receiving an SMS
TX	Flashes when Transmitting an SMS
GSM	Intermittent flash GSM healthy

Operational battery backup (880mAH lithium rechargeable)

The battery provides an automatic backup supply to continue normal operation when power fails.
EZTEXT can also send an SMS when power is switched to battery and when main power is restored.

The battery is recharged and maintained when power is present.

In the event of a complete power loss, EZTEXT will retain user configured data, however the status of the relays will be lost.
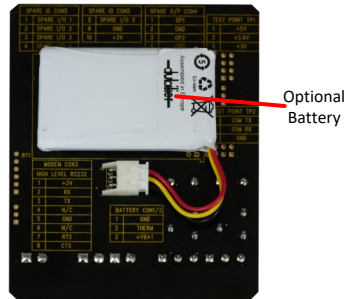

Optional
Battery

Optional external antenna

Using an external antenna can provide a much better signal reception than the internal antenna unplug the antenna connection. Use cable adaptor CBA-UFLSMA-1 to provide an SMA bulkhead connector into which many alternative GSM antennas may connect. Using an external antenna can provide a much better signal reception than the internal antenna.

Antenna
Connection

Internal
Antenna

CBA-UFLSMA-1
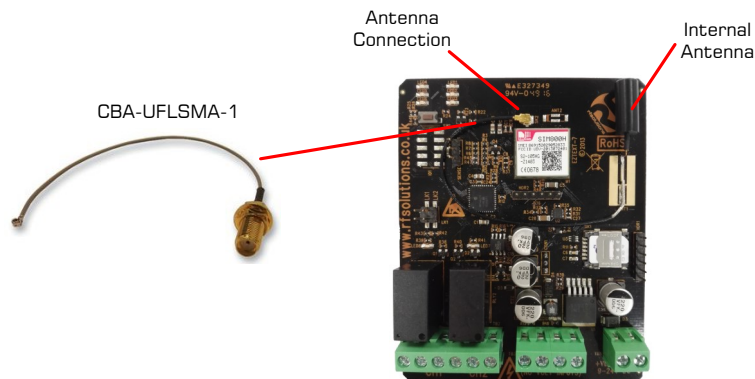
Optional temperature measurement

Using the cable adaptor CBA-EZTEMP provides a 1metre plug in cable with temperature probe.
This enables the EZTEXT temperature monitor and control functions.

Connect
Cable
CBA-EZTEMP

EZTEXT
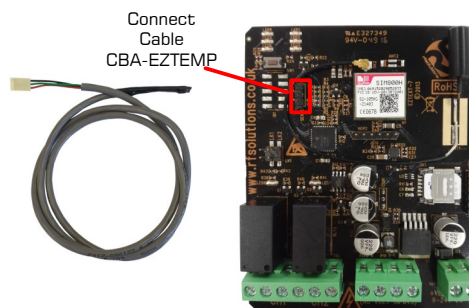
Text Message Commands

Please note that the following characters can be used as character separators

Has h"#", Comma "," or Space " "
For example
1234#out1#ON or 1234,out1,ON or 1234 out1 ON

Error Messages and Factory Reset

There are three error messages;

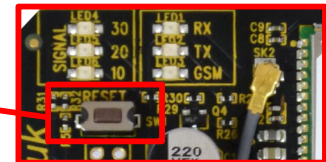|	
NO AUTHORISATION	Means that EZTEXT did not accept the password
UNRECOGNIZED COMMAND	Password correct but the command is incorrect
UNRECOGNIZED VARIABLE	Password and command OK but the variable data is incorrect

Factory reset:
Hold down the RESET button for approx10 seconds until all LEDs flash, then release. This will reset EZTEXT to factory default settings and restart.

Reset switch

User set-up commands

Title	Command	Description	Example
Password	UPW	**UPW#UNITPW** User must send UPW command within 5 mins after power applied. Setting the UPW is carried out by sending this text message to the unit. The User Password (4 – 8 Characters) **is case sensitive** and can consist of any letters or numbers. If for any reason the unit password is lost, remove all power for 1 minute, and then start again. Note: Default password is 1234	UPW#1234 (sets password to 1234) Response: UPW OK
Unit identity	UID	**UNITPW#UID#UNITID** This sets the 'identity' of the EZTEXT unit, and will be included in any response text from EZTEXT. The UNITID can be 4 to 10 characters.	1234#UID#Door Alarm Response: Door Alarm UID OK
Response	RESPONSE RESPONSE?	**UNITPW#RESPONSE#x** Setup a Reply Text EZTEXT after receiving a command x=ON or OFF **UNITPW#RESPONSE?** Requests the status of the current RESPONSE setting NOTE: messages which specifically demand a response such as requests for input status will always be responded to as will the UPW, UID etc. Default setting is for response to be turned ON.	1234#RESPONSE#ON Turns on Response messages 1234#RESPONSE? Replies with the EZTEXT setting to responses

EZTEXT

INPUT Commands

Title	Command	Description	Example
Set an input name	IPNAME IPNAME?	When the input changes this is the name that the EZTEXT will transmit in its text message **UNITPW#IPNAMEn#<name>** This designates a <name> to an EZTEXT input (max15 characters) n=1 - 4 for inputs1 to 4 **UNITPW#IPNAME?** Requests the name given to all inputs	1234#IPNAME1#Gate Sets input 1 to be known as 'Gate' 1234#IPNAME? Requests the current name of input1
Input number to text	IPNUM IPNUM?n IPNUMDEL	Sets the destination phone number(s) (max 5 per input) when an EZTEXT input is activated. UNITPW#IPNUMn,<num to text> n=1 - 4 for inputs1 to 4 UNITPW#IPNUM?n Requests all Stored cell Nos for that input UNITPW#IPNUMDELn n=1 - 4 for inputs1 to 4 Deletes all stored cell Nos for that input number	1234#IPNUM1#00441234567891 Sets tel No to input 1 1234#IPNUM?1 Requests all stored telephone numbers for input 1 1234#IPNUMDEL2 Deletes **ALL** stored numbers for input 2
Set number of input activations before SMS sent	IPCNT IPCNTVAL?	Sets the number of times an input must be activated before an SMS is sent **<UNITPW#IPCNTn#x** n= input number (1 or 2) x= Counter (0 to 65500) **UNITPW#IPCNTVAL?** Requests the actual current value of the counter	1234#IPCNT1#10 A text will be sent after input 1 has been activated 10 times 1234#IPCNTVAL? Responds with ; INTPUT1= 10/4 intput1 has been activated 4 times, 6 more activations required before text is sent
Delay SMS on input activation	IPDLY IPDLY?	Sets a timer (Max 65500 secs). When the EZTEXT input is activated the timer starts to countdown in seconds. When the counter reaches zero, providing the input is still activated a text message will be sent. **UNITPW#IPDLYn#xx** n=1 - 4 for inputs1 to 4 'xx' can be a number from 0 to 65500 **UNITPW#IPDLY?** Requests timer values for all inputs Note: When combined with IPCNT each activation of Input must be for the extended time	1234#IPDLY1#60 Input 1 has a 60sec delay before text is sent 1234#IPDLY? Responds with ; INTPUT1= 60/34 (output1 has been active for 34 out of a total 60sec preset time. 34secs more is required before text sent)

EZTEXT

Output Commands

Title	Command	Description	Example
Activate an output	OUT	Turns an output ON or OFF UNITPW#OUTn#x n=Relay number = 1 to 4 x=Relay Status = ON, OFF	1234#OUT1#ON Turns Output1 ON
Set an output name	OPNAME OPNAME?	This designates a name to an EZTEXT output UNITPW#OPNAMEn#name n=Output no name= name can be up to 15 characters. UNITPW#OPNAME? Requests the name of the Outputs	1234#OPNAME1#AIRC ON sets output 1 name to be 'AIRCON' 1234#OPNAME? Requests names of all the outputs
Set output on time	OPDLY OPDLY?	Sets output operation time. The output can be set from 1 to 65500 seconds, or If is set to 'O', then the output will latch on UNITPW#OPDLYn#t n=Output number t=Delay time (seconds) UNITPW#OPDLY? Requests the current 'on' time setting for an output EZTEXT replies with the preset time delay output and the actual time that the output has been activated for Note the Timer counts down from the preset time delay	1234#OPDLY1#500 Sets output1 to operate for 500 sec's 1234#OPDLY? Responds with ; OUTPUT1= 500/34 (output1 has been active for 34 out of a total 500sec preset time)

Power Fail Commands

Title	Command	Description	Example
Number to text on power failure	PFNUM PFNUM? PFNUMDEL	This command sets a number to text (max 5 nos) when Power Failed (only if optional battery fitted) and when Power is restored UNITPW#PFNUM#<numbertotext> Sets the number to text on power fail UNITPW#PFNUM? Requests the current numbers that are stored UNITPW#PFNUMDEL PFNUMDEL Deletes all stored Power Failed cell Nos	1234#PFNUM#004412 73898000 1234 #PFNUM? Response: Returns current settings 1234 #PFNUMDEL Deletes all stored cell Nos against this
Text when power is lost Text when power restored		UNIT ID POWER FAILURE RUNNING ON BATTERY UNIT ID POWER RESTORED	

EZTEXT

Temperature Commands

Command	Description	Description	Example
Request current temperature	TEMP?	UNITPW#TEMP? requests the current temperature.	1234# TEMP?
Set SMS numbers to text on trigger	TEMPNUM TEMPNUM? TEMPNUM-DEL	UNITPW#TEMPNUM#<numbertotext> Sets the cell phone nos (max of 5) linked with the temperature monitoring. TEMPNUM? Requests all linked cell phone nos TEMPNUMDEL Deletes all linked cell phone nos	1234#TEMPNUM#00441234567891 Sets the number 01234 567891 1234#TEMPNUM? Requests all cell phone numbers which will be notified on temp triggers 1234#TEMPNUMDEL Deletes all the telephone numbers associated with Temperature monitoring
Set maximum trigger temperature	SETTEMPMAX	UNITPW#SETTEMPMAX#n Sets the maximum temperature trigger level in degrees Celsius.	1234#SETTEMPMAX#30 Sets the upper trigger level to 30°C
Set maximum trigger temperature	SETTEMPMIN	UNITPW#SETTEMPMIN#n Sets the minimum temperature trigger level.	1234#SETTEMPMIN#20 Sets the lower trigger level to 20°C

System Commands

Title	Command	Description	Example

Report GSM signal strength	SIGQ	UNITPW#SIGQ
		Reports EZTEXT GSM signal strength as;
		    'POOR' (consider alternative antenna)
		    'OK', or 'Good'.
			1234#SIGQ
			
			Response: Signal is good

Retrieve status of inputs and outputs	STATUS	UNITPW#STATUS requests the current status of all inputs and outputs	1234#STATUS Response: Returns current settings

EZTEXT

Technical specifications

Storage Temperature: -10 to +70°C. Operating Temperature: 0 to +55°C.
EZTEXT Enclosure Rating: IP68
EZTEXT Dimensions: 130 x 112 x 42mm

Electrical Characteristics*	Min	Typical	Max	Dimension	Notes
Supply Voltage	9		26	V	
Supply Current for EZTEXT: Idle Operating	24 100	35 250	45 2000	mA mA	1 2
Closed Contact Input Time	100			mSec	
Temperature Cable	-40		99	°C	3
Mains rated Relay Rating (230Vac)		5	12	A	4

*Notes

Figures refer to maximum supply current required with all components idle.

Figures refer to peak supply current required with all components operating.

In practice internal reservoir capacitance limits the instantaneous peak current to less than 500 mA.

Temperature accuracy +/-1degree Centigrade

The relay contacts in this unit are for functional switching only and must not be used for isolation purposes.

EZTEXT Version Identification

As part of our ongoing quality improvement we are publishing the Engineering changes for the product evolution.
The product part number and revision of build can be viewed as shown:

EZTEXT REVISION CHANGE HISTORY			
Date	Eng Change	New Revision	Product Change / Improvement
24/1/19	ECN318	6	Add a Delay of 30 seconds to the internal power detector so the EZTEXT will require continuous main power failure for 30 seconds before triggering a power failure SMS

EZTEXT

Simplified Declaration of Conformity (RED)

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RF Solutions Ltd
William Alexander House, William Way, Burgess Hill, West Sussex, RH15 9AG
Sales: +44 (0)1444 227900 | Support: +44 (0)1444 227909

www.rfsolutions.co.uk