SMS specification

Basic message format:

Setting the SMS format In order to distinguish it from ordinary SMS and maintain a certain encapsulation format, the following conventions are made:

Set the prefix to begin with three capital letters, and paragraphs are separated by ‘,’. All settings are not prioritized and can be arbitrarily ordered.

abbreviation	Description	Example
MTN	Local number setting	<MTN=13800000008,>
APN	APN setting (dual card is AP1 / AP2)	<APN=CMNET,>
SLM	Connection mode setting, T = TCP, U = UDP, S = SMS, C = COM (Different devices have different support)	<SLM=T,>
UDP	Server UDP IP and port settings (non-standard equipment)	<UDP=218.18.2.214:3377,>
TCP	Server TCP IP and port settings (non-standard equipment)	<TCP=218.18.2.214:3377,>
MIP	Host server IP and port settings (standard equipment)	<MIP=218.18.2.214:3376,>
BIP	Secondary server IP and port settings (standard equipment)	<BIP=218.18.2.214:3377,>
GMT	Time zone setting (minutes)	<GMT=+480,>
CXPI	Query hardware information (detection line, voltage, location, version)	<CXPI,>
CXIP	Query setting information (IP, connection method, APN, version, etc.)	<CXIP,>
RES	Reset: 0 Reset the whole device 1: Reset the setting parameters 5: Clear the mileage 6 Force update location	<RES=1,>
OIL	Control oil cut-off output (1 is broken oil, 0 is recovery, multi- out put equipment needs to add channel number)	<OIL=1,> <OIL0=1,>
SGP	Set GPS mode and instructions 1: Reset GPS module 0: Sleep GPS module specified time (seconds)	<SGP=1,> <SGP=0*120,>
SMP	Set GSM mode and instructions 1: reset GSM module 0: sleep GSM module specified time (seconds)	<SMP=1,> <SMP=0*120,>
RDP	Enable remote debugging (requires DIP)	<RDP=1,>
DIP	Set remote connection mode, IP and port number	<DIP=U119.29.195.31:8203,>
RPT	ACC open return interval	<RPT=20,>
NPT	ACC close return interval	<NPT=5,>
ACC	Filter rule settings, turn on LBS, ACC, and update position	<ACC=7,>

＊Other instructions: 1. <Can be changed to> in the text message to switch to only set no reply message.

2. The SMS instructions can be spliced in sequence and executed in the order entered when received. Example: <MTN = 13826549354, CXIP,>

3. For customized or reserved instructions, please refer to the customized instructions or information to your service provider.

4. The format can be supported in the configuration port (RS232 or CDC), network, and SMS.