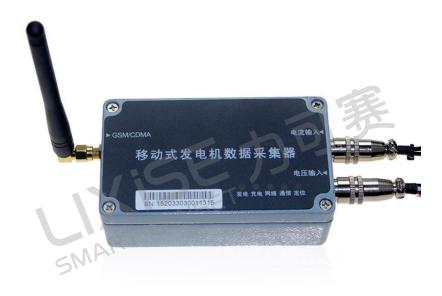


# Guide for installation and operation of data collector for LXI 661 generator

Ver:1.0 Dade:2016-03-14



Version history

Date	Version	Content
2016-03-14	1.0	Initial release

**2:** T:+86-769-23836636

Pade 1 of 11



## 1. Installation steps

1.1. First, remove the rear cover and install the card (as shown in Fig.1).

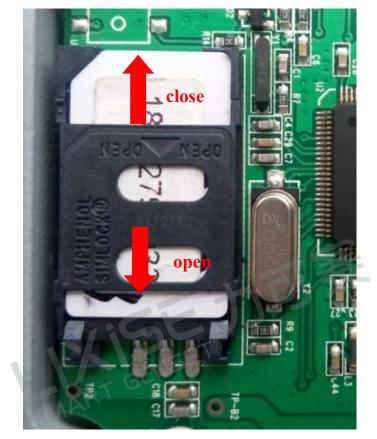


Fig.1



1.2. Install the rear cover well and clip the connecting line (as shown in Fig.2).



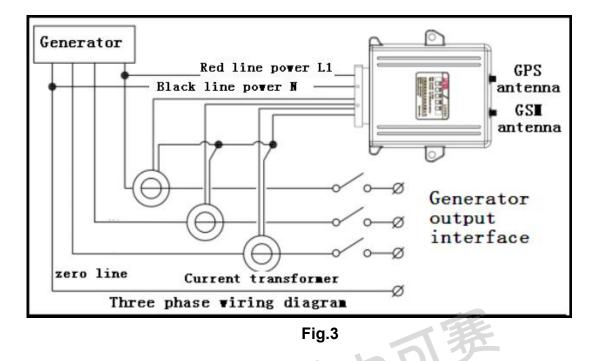
Fig.2

Pade 3 of 11



1.3. Connect Phase A to Generating Input L1 and the null line to Generating Input N. (as

shown in Fig.2).



1.4. The current of Load L1, L2 and L3 through current transformer is Current A, Current B and Current C respectively (shown in Fig.4);



Fig.4



## 2. Monitoring operation steps:

(Instruction for LIXISE cloud system is as shown below.)

#### Login system . 2.1.

Open the website:http://115.28.73.206/, enter the user name ZXAdmin and the password 000000 and click to login (as shown in Fig.5);

	基站油机监控系统 Base Station Generator Monitoring System
	I Usernam : ZKAdmin
	Password :
	Login Reset
SMART	Fig.5

Fig.5

Pade 5 of 11



#### 2.2. New monitored engine generator.

After entering remote monitor system, click "Remote Monitor System"-> "Engine Generator State" on the left side navigation bar; click Button 1 to add equipment monitor, enter ID number (the barcode on LXI66x backboard) and alias (the name of generator equipment, for monitoring) and then click confirm (shown in Fig.6).

导航集单 《		调(状态 ×					
Remote Monitor System	San &Add 🥒	enes 🗙 este					
Engine Location	1 D就名称		8 ( <b>8</b>				
Engine State	ID	別名	网络	最近检查时刻	发电机状态	最近启动时间 最近停机时间 8	d <del>K</del>
Power Record	1 151201030011033	海南海东铁塔移动油和	葉戲	2016-12-07 14:28:26	<b>待机</b>	2015-12-07 1-2015-12-07 1-0000	小时
	2 150957030011032	青海海东铁楼移动驻机	重统	2016-12-07 14:44:54	待机	2016-12-071-2015-12-071-0000	小时
	3 151393030011306	<b>發仁務時002</b>	编织	2016-11-26 14:24:38	待礼	2015-11-261-2015-11-261-0000	小时(
	4 152758030011311	青海海东铁塔移动油有	离伏	2015 12-07 14:18:08	特机	2015-12-07 1-2015-12-07 1-0000	小时:
◎系线管理	20 • 14 4 9	ID : Aliase		etermine 🔇 C:	ancel		, 记录
	SMAR	GENE	ig.6				

Pade 6 of 11



#### 2.3. Start the generator until it is loaded successfully (load current shall be over 2A).

When the generating light of collector is constant on after flashing quickly for 3 minutes, it indicates normal power generation. At the same time, the network light of collector changes from quick flashing to slow flashing, it indicates the server is successfully connected to network. (shown in Fig.7)



Fig.7

- Indicator light for power generation ∻
- **Network indicator light** ✧



### 2.4. After starting the generator successfully and successful networking.

click the monitored generator set on the monitoring interface and observe whether the network is online. Operate a mouse and click the interface framework real time monitoring on the right to read all the data status of collector in real time, including mains data, power generation data, etc. (shown in Fig. 8).

<b>艾</b> 名称		查询				实时监控 配置
ID	别名	网络	最近检查时刻	发电机状态	最近启动时间 最近停机时间	市电频率:
137833060007335	and an and an and an	在銭	2016-03-10 15:15:15 GENSET		2016-03-10 1: 2016-03-10 1: C	发电频率: 发电电压L1: 发电电压L12: 发电电流L1: 发电电流L1: 发电电流L1: 发电电流L1: 常心电压相位12: 有功功率: 视在功率: 蓄电池电压: 输入口1电压:
	51	NF.				继电器 1输出状态: 疑似市电:

Fig.8



#### 2.5. If you want to modify the collector information

(such as increasing SMS reporting function and for each starting, stopping and self-inspection every day, sending the generating voltage, current and other related data to relevant personnel); first, click "Configuration" (shown in Fig.9) button 1 and then click "Read Configuration (shown in Fig. 9) Button 2"; secondly, enter the cellphone number of related personnel in authorized user number; at last, click "Write Configuration (shown in Fig.9) Button 3".

🥂 当前项目	目:基站油机监控系统 🔰 当前用户:Admin 🔹
	5 🖸 (
Button 1	
实时监控 配置	
	< ∥ 导出
Button2 Button 3	こわび舞
Name 5MART GE	NSET Value
SMART	
e networksetting	
Authorized user number 1	
Authorized user number 2	
Authorized user number 3 Authorized user number 4	
Authorized user number 5	
Authorized user number 6	
Generator area	<del>7</del> ₩3⊡



LXI661 Operation Instruction

**2:** T:+86-769-23836636



#### 2.6. Query engine generator position

After entering remote monitor system, click "Remote Monitor System"-> "Engine Generator

Location" on the left side navigation bar; the  $\Omega$  on Baidu Map indicates the position of engine generator (shown in Fig.10).

@_基站油相	机监控系统	
导航菜单 《		
Remote Monitor System 🙈	旧或名称	
Engine Location Engine State Power Record	Engine Generator Li柿村 Location 承山頃 承山頃 承山公園	<b>\$</b>
		<b>韩山</b> 星
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	2) 南城後南公照 长坑村	1.11.
		初: )湖汽 )运站
		春天公园 🕑 仔
◎系统管理 >	C107 2公里 Bai 2 加固 C 2015 Baidu - Data C Navinto & CenNavi & 道道通	1

Fig.10



#### 2.7. Query generator record

After entering remote monitor system, click "Remote Monitor System"-> "Power Generation Record"on the right navigation bar; operate Button 1, enter "Query Engine Generator ID" (the bar code on the panel of engine generator LXI660)->, select "Start Time and Deadline"-> operate Button 2 and click Query (shown in Fig.11).

导航菜单 《	■ 发电记录 ×					🛸 🖸 🛛
🛄 Remote Monitor System 🕿	Button	1			Ru	tton 2
🙊 Engine Location	DIXA	开始 2016-03-04	截1994 2016-03-1	15 554		查询
🐝 Engine State	17	101-101	0+(a)			
Power Record	D	名称	启动时间	停止时间	时长	疑似市电
			·h	0) 3		
		15				
		GEN	5E'			
		DT GEN				
◎承抜管理 😽	20 .	第1 共1页 🕨	0			显示0到0,共0记录

Fig.11