

# Telephone Entry System

## Audio-Video Intercom for Access Control



**Audio-Video Visitor Call Panel**



**Guard Phone**

# Models



**PE-7000**



**PE-7100**



**PE-7200**



**PE-7300**



**PE-7800**

**PE-7000:** Audio-video VCP with card reader

**PE-7100:** Audio-video VCP

**PE-7200:** Audio VCP

**PE-7300:** Audio VCP with card reader

**PE-7800:** Audio Guard Phone



# Feature Highlights

## Standard Feature Highlights (Audio Video Call Panel: PE7000 and PE7100)

1. True full-duplex natural conversation. Both parties can speak together.
2. **Video streaming** capability (PE-7000 and PE71000) via IP network.
3. **Cancellation of microphone coupled DTMF tone to prevent false/unauthorized access.**
4. **Auto hang** up when tenant hangs up his/her phone or time out.
5. **Multiple VCPs can shared single telephone line.** Other VCPs will show BUSY message if line is in used. Save telephone bills.
6. Flexible access control method: tenant's phone keypad, pincode, card access
7. 800 users.
8. Programmable unit ID length: 1 to 10 digits.
9. Control up to 2 independent locking actuators.
10. Time stamping and call history logging.
11. 20x4 lines white-on-black LCD.
12. Digital-controlled brightness, volume etc. No adjustment pots on-board. Ease of maintenance.
13. Networking supported for ease of system management: LAN module or RS485 module.
14. PE-Vista software: web-based Intercom management server to manage users database, call event logs and report generation.
15. Web-based IP-camera video server to stream VCP video via IP network.

## Mechanical Design / Cosmetic Highlights

1. High-quality VFD- (vacuum fluorescent display) like LCD display.
2. High-quality and weather-proof aluminum backlit keypad.
3. Snap-on front panel mounting, **no screws** can be seen on front panel.
4. High-quality stainless steel finish and weather-resistant construct.

## Value-added Features (optional)

1. **Call Transfer** (two additional numbers per house unit).
2. Additional access method: grant access by caller ID (registered phone only).
3. Upgradable to 1800 and 2800 users.
4. Individual lift floor access (requires lift interface board).
5. Data modem for remote dbase downloading and programming.

# Feature Highlights



## **Standard Feature Highlights (Gaud phone: PE7800)**

1. Call transfer supported (outgoing call).
2. Caller ID supported (incoming call). Display tenant name and unit number on the LCD.
3. Incoming missed call logging.
4. Dedicated button to quickly access to missed calls.
5. VCP can call guard phone and guard phone can activate VCP's actuator.
6. 800 users.
7. 20x4 lines white-character LCD.
8. Digital-controlled LCD brightness, volume etc. No adjustment trimmers for ease of installation and maintenance.

## **Mechanical Design / Cosmetic Highlights**

1. High-quality VFD- (vacuum fluorescent display) like LCD display.
2. High-quality aluminum keypad.
3. Incline surface for ease of desktop viewing.

## **Value-added Features (optional)**

1. Upgradable to 1800 users and 2800 users.
2. Data modem for remote dbase downloading and programming.

# Use Case: Calling a tenant from VCP



1. Visitor enters the unit number on the VCP's keypad

```
Enter 4-digit unit #
* to cancel call
Unit #: [1282]
```

```
Enter 4-digit unit #
* to cancel call
Dialing 1282...
```

```
Unit #:1282
Jake Dawson
Time Avial: 119 V02
```

```
Unit #:1282
Jake Dawson
Access granted!
```

```
Unit #:1282
Jake Dawson
Access granted!
Hanging up...
```

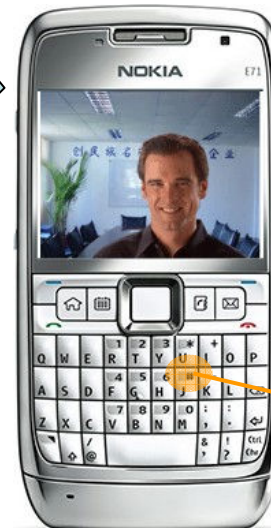
VCP's LCD Screen

2. Tenant answers and talks to visitor

Voice + Video



3. Press the URL link to view video



4. Press # to grant access

Tenant's Smartphone

# PE-Vista



## Management Software

### Event List

Event Database Call Panel System Logout

#### Event List

Call Activities

S/N	Location	Event Time	Type	Unit	Resident Name	Duration	Call Status	DTMF Access
102492	Blk 3A-PL (T2)	Tue Oct 15 15:44:09 SGT 2013	Outgoing Call	110206	BLK 3A PL (T2)	15	OK	Yes
102490	Blk 3A-PL (T2)	Tue Oct 15 15:43:43 SGT 2013	Outgoing Call	110206	BLK 3A PL (T2)	31	RETRY	No
102488	Blk-1-SL-1F (T1)	Tue Oct 15 15:32:30 SGT 2013	Outgoing Call	080202	BLK 1 SL 1F(T1)	10	OK	Yes
102487	Blk 3C-PL (T3)	Tue Oct 15 15:32:06 SGT 2013	Outgoing Call	15031	BLK 3C PL (T3)	34	OK	Yes
102481	Blk 5C-SL-1F (T6)	Tue Oct 15 15:20:54 SGT 2013	Miss Call	No CID	No Name	0	NO	No
102479	Blk 5C-SL-B1 (T6)	Tue Oct 15 15:20:54 SGT 2013	Miss Call	No CID	No Name	0	NO	No
102474	Blk 1A PL (T1)	Tue Oct 15 15:13:34 SGT 2013	Outgoing Call	100603	BLK 1A PL (T1)	23	OK	Yes
102483	Blk 3A-SL-1F (T2)	Tue Oct 15 15:13:25 SGT 2013	Outgoing Call	120206	BLK 3A SL F1(T2)	12	OK	Yes
102480	Blk 3A-SL-1F (T2)	Tue Oct 15 15:13:02 SGT 2013	Outgoing Call	120206	BLK 3A SL F1(T2)	24	RETRY	No
102477	Blk 3A-SL-1F (T2)	Tue Oct 15 15:11:13 SGT 2013	Outgoing Call	120206	BLK 3A SL F1(T2)	14	OK	Yes

1<sup>st</sup> number failed, try to contact 2<sup>nd</sup> number and passed

Access granted

12287 items found, displaying 1 to 10.

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Export Event  
From Date    
To Date

Report generation

PDF Export Excel Export

# PE-Vista



## Management Software

### Unit List

Event Database Call Panel System Logout

*Lift floor access*

### Unit List

Unit Group	Resident Name	unit #	Lift Access	Phone No 1	Type	Phone No 2	Type	Phone No 3	Type	Pin Code	Action
1	BLK 5C SL F1(T6)	220115	13		PSTN		PSTN		PSTN	0	
1	BLK 5C PL (T6)	240115	1		PSTN		PSTN		PSTN	0	
1	BLK 5C SL F1(T6)	220116	13		PSTN		PSTN		PSTN	0	
1	BLK 5C PL (T6)	240116	7		PSTN		PSTN		PSTN	0	
1	BLK 5D SL F1(T7)	250117	13		PSTN		PSTN		PSTN	0	
1	BLK 5D PL (T7)	270117	1		PSTN		PSTN		PSTN	0	
1	BLK 5D SL F1(T7)	250118	13		PSTN		PSTN		PSTN	0	
1	BLK 5D PL (T7)	270118	7		PSTN		PSTN		PSTN	0	
1	BLK 5E SL F1(T8)	280119	13		PSTN		PSTN		PSTN	0	
1	BLK 5E PL (T8)	300119	1		PSTN		PSTN		PSTN	0	
1	BLK 5E SL F1(T8)	280120	13		PSTN		PSTN		PSTN	0	
1	BLK 5E PL (T8)	300120	7		PSTN		PSTN		PSTN	0	
1	BLK 5F SL F1(T9)	310121	13	231	CELL	954	CELL		PSTN	0	
1	BLK 5F PL (T9)	330121	1	231	CELL	954	CELL		PSTN	0	
1	BLK 5F SL F1(T9)	310122	13	302	CELL	458	CELL		PSTN	0	
1	BLK 5F PL (T9)	330122	7	302	CELL	458	CELL		PSTN	0	
1	BLK 7A SL F1 (T1)	340123	13	955	CELL		PSTN		PSTN	0	
1	BLK 7A PL (T10)	360123	1	955	CELL		PSTN		PSTN	0	
1	BLK 7B SL F1(T11)	370126	13		PSTN		PSTN		PSTN	0	
1	BLK 7B PL (T11)	390126	7		PSTN		PSTN		PSTN	0	

668 items found, displaying 141 to 160.

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PDF Export

Excel Export

*Up to 3 phone numbers/unit*

# Reference Sites



**W Residences @  
Sentosa Cove**



**Golden Heights @  
Serangoon**



**Tiara @ Great World  
City**

1. **W Residences @ Sentosa: 63 PE7000 VCPs, 3 PE78000 Guard Phones**
2. **The Verv @ River Valley**
3. **The Scala @ Serangoon**
4. **Tiara @ Great World**
5. **Carissa Park @ Loyang**
6. **Bishan Loft @ Bishan**
7. **Golden Heights @ Serangoon**
8. **and many more...**