

VDH-100

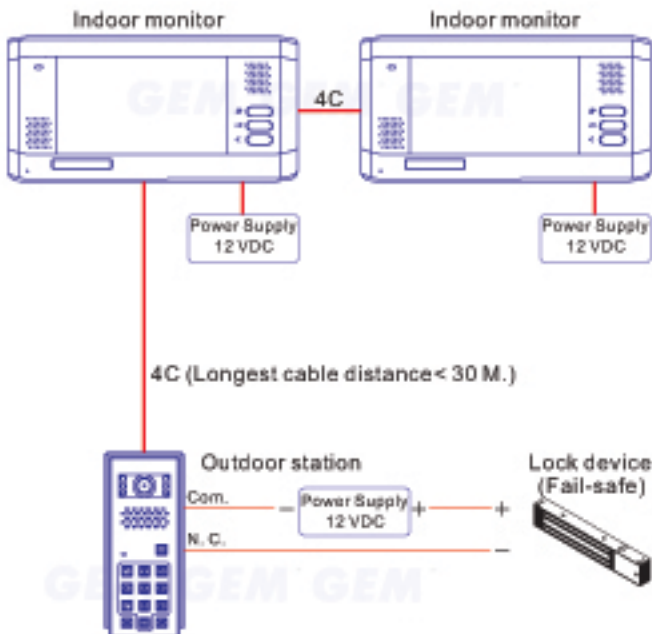
Full Color Villa Video Door Phone

6" LCD full color screen
2-way communication
Crystal clear speaker system
Clear and bright pictures
Quick and easy connection



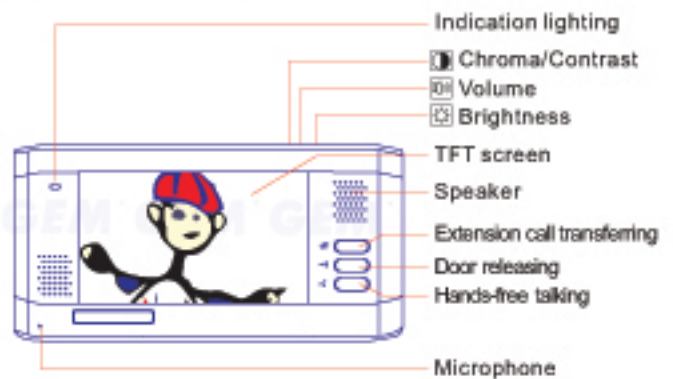
Metal external housing
Auto keypad illumination in darkness
40 user PIN
Programmable lock timer(01~99s)
Latching relay facility
Narrow style

Maximal component: 2 color video monitors + one outdoor station



Every unit need a power supply except outdoor station.

Four wires villa system indoor monitor



Four wires video system with integral keypad access

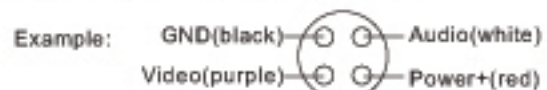


Specifications

- Power input :12~18 VDC
- Stand by :12 mA
- Camera : 1/3" CCD lens
- Mode : Dual transmission
- Temperature : -20~+55°C
- Working current : 600 mA
- Illumination : 0.05 LUX
- Talking time : 2 minutes

System connection

- Normal 4C cable , cable dia. > 0.5 mm, longest cable distance < 30 M.
- Input power: 12 VDC, 800mA
- 4C wires must be connected as below:

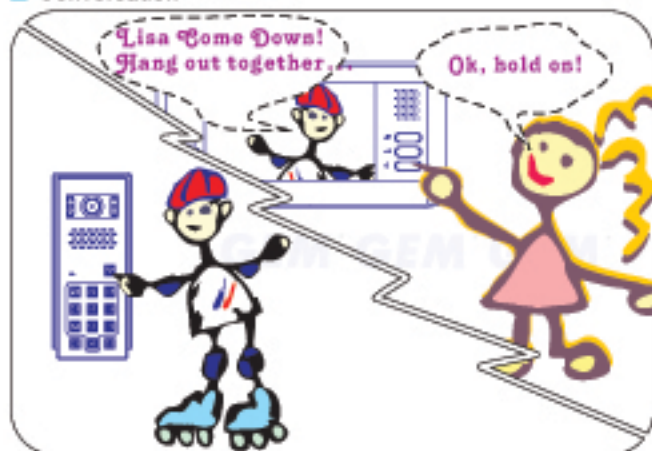



Use the normal cable:

Do not use the STP cable:

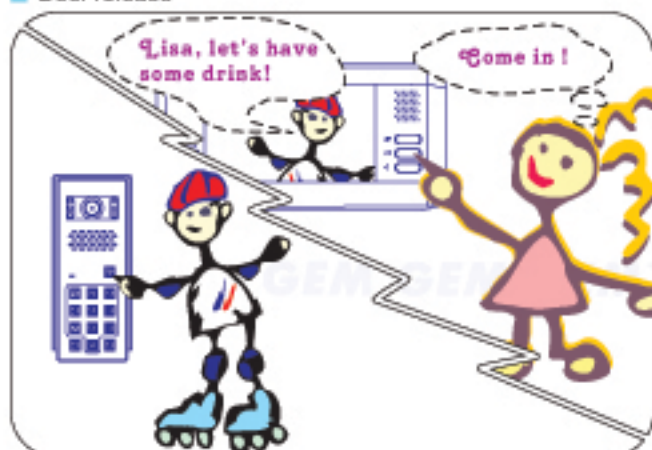
● Operation instruction



■ Conversation



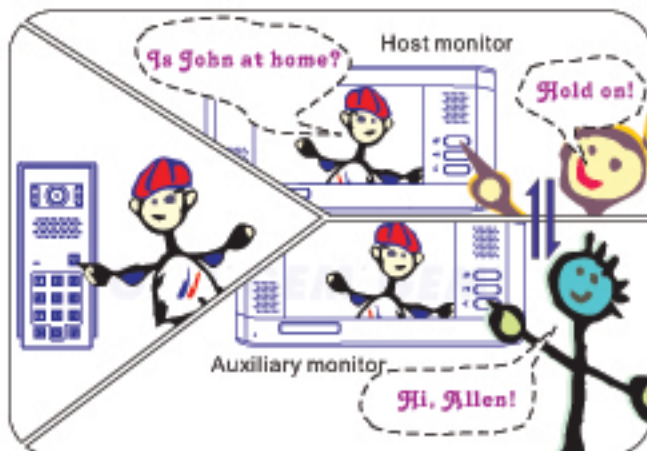
1. Visitor presses the call button.
2. Press  button to reply. (Hands-free talking)
Other monitors should be cut off at the same time.




■ Door release



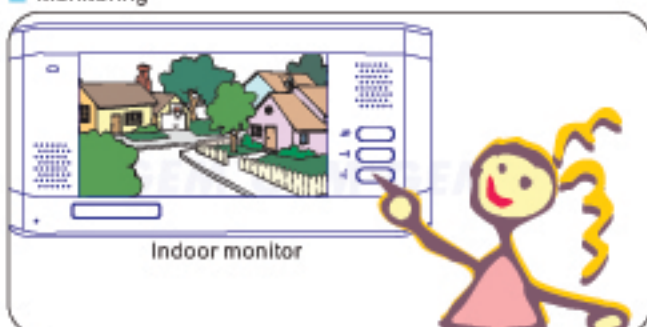
1. Visitor presses the call button.
2. Press  button to reply. (Hands-free talking)
3. Press  button to release the lock.



■ Extension call transferring



1. Visitor presses the call button.
2. Press  button to reply. (Hands-free talking)
3. Press the  button to transfer the auxiliary monitor.
4. Auxiliary monitor press  to reply.

■ Monitoring



When the system is standby, press the  button to monitoring outside, other indoor monitors show system is busy. Press  button again to stop monitoring.

■ Keypad access control

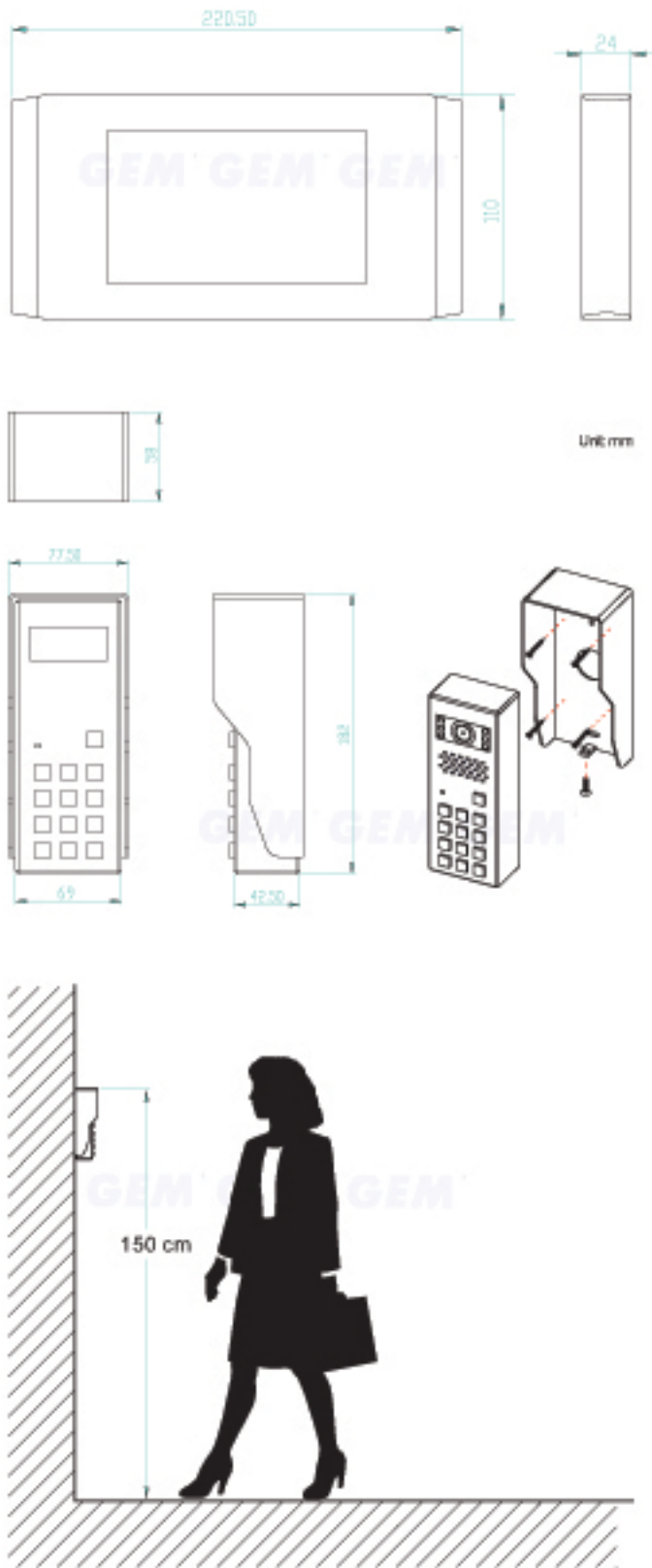


Enter the PIN code to release the door lock.

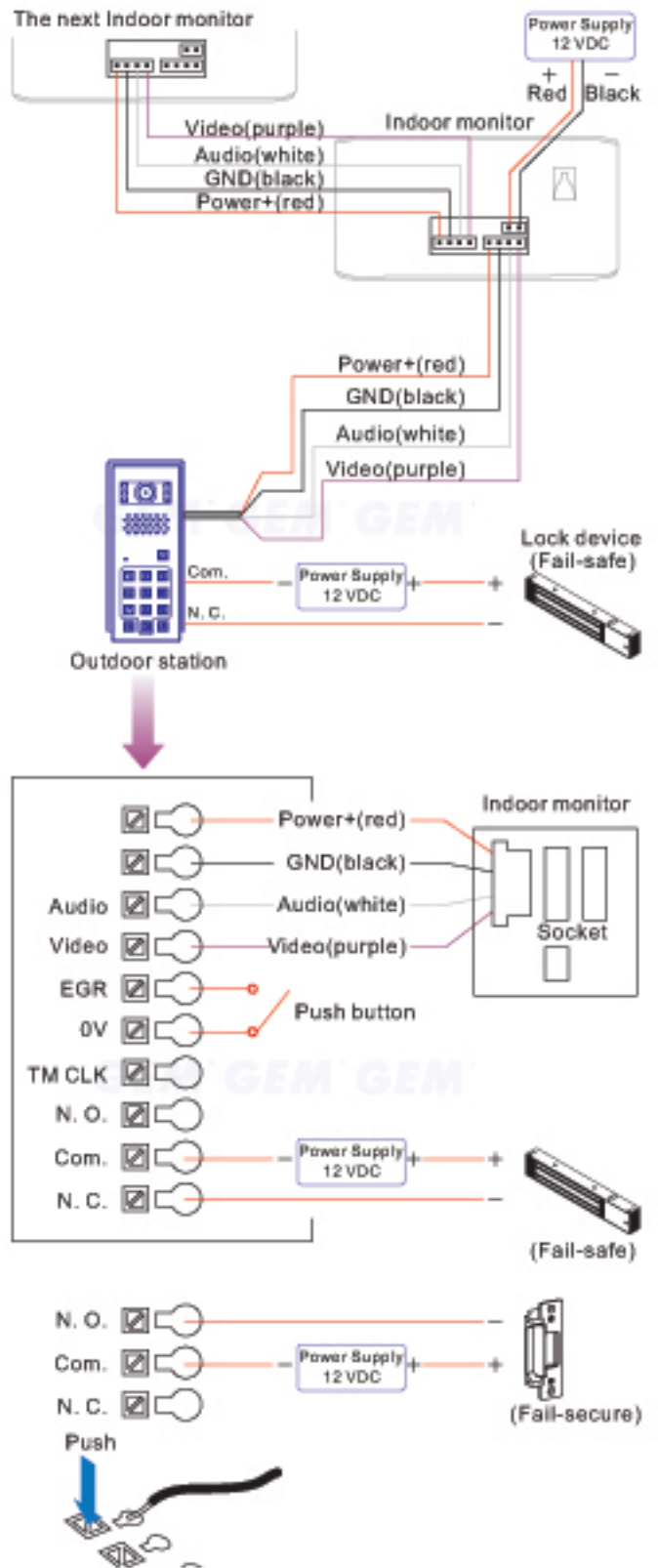
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Dimension



System wire diagram



● Operation Instruction

The Master Code is set to 1234 as factory default.

■ Enter Programming Mode

Compose twice the master code (Factory master is 「1234」)
→ an audible and the LED will flash red → you are now in the "programming mode".

After 6 times wrong user codes attempts at the master code the lockout facility will operate.

■ Exiting from the program mode

Press 「#」 to exit from the programming mode.

The system will out of the programming mode after 1 minute without operating.

■ Change the Master code

Enter the Programming mode, Enter the slot position code 「*00」 → Enter the new master code 「????」 the long beep sound heard → The new Master code is set.

■ Add PIN codes

Enter the Programming mode, Enter the slot position code 「*01~40」 →???? Input 4 digit PIN codes→ (beep) enrolled. Press 「#」 to exit from the programming mode, or program other operating.

Note : The codes 「0000」, 「1234」 or master code are not be used for PIN code.

■ Delete a PIN Code

Enter the Programming mode→ Press the slot position code of your choice to delete (example "06") → Press 「*06」 → 「0000」 (beep)→ delete→ Press 「#」 to exit from the programming mode, or programming other operating.

■ Delete all PIN Codes

Enter the Programming mode→ Press 「*88」 (The red LED will remain on.) → Press 「0000」 (The red LED turn off, beep)→Indicate that the delete all PIN codes.

■ Setting the relocking timer

Factory default set is 0.5 second.

Enter the Programming mode → Enter 「*99」 → Enter the desired lock / relay operation time in a two digit format (01~99 seconds) → Press 「#」 to exit from the programming mode, or programming other operating. The lockout facility will operate.

Remark: Enter 「00」 Sets the relay to latching mode. (Correct code entered opens the relay, and the relay stays open until the correct code is entered again).

■ Master Code reset to Factory 「1234」

Remove power from the unit and hold down the 「*」 key. → Apply power whilst holding button down, the unit will then give long continuous tone. When the tone has stopped, → Press 「*00#」 → The Master code reset to Factory 「1234」.

● Care and maintenance

1. Do not put the outdoor station near the magnetic area such as television, video recorder etc.
2. Do not drop, knock or shake the unit.
3. Do not put the outdoor station in hot areas, high temperatures can shorten the life of electronic device.
4. Do not attempt to open the unit, non expert handling may damage the unit.
5. Keep the indoor monitor dry, humidity and all types of liquids or moisture contains mineral that will corrode electronic circuits.
6. Do not use the wet dishcloth or the volatile cleansers to clean it.
7. The installation position of outdoor station and indoor monitor should be about 150 cm height.
8. Power must be shut off when installing.

● Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.