



# Crystal -VDP

\* ISO 9001 CERTIFIED

India's First and only VDP with sensational features.  
Unimaginable things are now happening.

Features	Villa	Executive	Hitech	Ultimate	
Display	Coloured TFT-LCD 3.5" / 5.6"	Coloured TFT-LCD 3.5" / 5.6"	Coloured TFT-LCD 3.5" / 5.6"	Coloured TFT-LCD 3.5" / 5.6"	
Telephone Handset	✓	✓	✓	✓	Advanced features
Speaker Phone	✓	✓	✓	✓	
Door Phone / Security Camera	1 Door Phone	1 + 1	1 + 1	Multiple	
Door unlock	✓	✓	✓	✓	
Panic Alarm	✓	✓	✓	✓	
Loud Siren Output	✓	✓	✓	✓	
Wired Alarm sensors (One Zone)	✓	✓	✓	✓	
Dial Pad	For Programming only	✓	✓	✓	
Panic transmission to crystal guard epabx	✗	✓	✓	✓	
Cli with Name	✗	✗	✓	✓	
Cli Based Camera switching	✗	✗	✓	✓	
Call History for last 10 incoming calls	✗	✗	✓	✓	Home Alarm & Futuristic Features
Unlock Door using Remote	✗	✗	✗	✓	
Wired Alarm sensors (Multi Zone)	✗	✗	✗	✓	
Wireless Alarm Panel	✗	✗	✗	✓	
Auto SMS to mobile on Panic & Alarms	✗	✗	✗	✓	
Multiple Door Phone Digital outdoor units	✗	✗	✗	✓	
Multiple Camera (Digital interface required)	✗	✗	✗	✓	
Master Slave intercom	✗	✗	✗	✓	
Open door using PIN from the Digital outdoor unit	✗	✗	✗	✓	

Technical Specifications:	
<b>Indoor Unit:</b>	
Monitor	3.5" TFT-LCD Coloured Resolution 960(H)*240(V) DOT 5.6" TFT-LCD Coloured Resolution: 320X(R,G,B)*234 DOT PAL / NTSC 1 Vpp 75 ohms
Input	220V 50Hz
Dimensions	33x14x4 cms
Mounting	Wall
<b>Outdoor Unit:</b>	
Camera	1/3 CCD Coloured 420 TVL 0.1 LUX Night Vision
Dimensions	10 x 14 x 5 cms
Connections	4 wire to outdoor unit 2 wire RJ11 input for telephone line 2 wire coaxial to security camera 2 extra wire for Digital outdoor unit



CRYSTAL VDP 3.5"

OUTDOOR UNIT

HELLO...!  
May I come in?



System Features subject to change owing to constant innovations in technology without prior notice.

जय श्री बाबा जी

**CRYSTAL DIGITAL CONCEPTS PVT. LTD.**

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● Mumbai ● Bangalore ● Kolkata ● Ahmedabad ● Surat

**Manufactured by :** Sinhal Udyog, Parwanoo (H.P)



Authorized Dealer :

Some of the features require optional cards & hardware.

# WATERTIGHT SECURITY.

Crystal

It will guard your home, and your loved ones too.  
Crystal Colored VDP - THE NEW MEANING FOR TOTAL PEACE OF MIND.



## Ergonomic Design

Crystal VDP has been carefully crafted along with other design aspects to blend seamlessly with modern interiors.

## Home Alarm Functions

Ordinary Video Door phones provide incomplete protection. Crystal VDP with Alarm Function interfaces with a range of Wired & Wireless Sensors for intrusion & panic detection. In case of an alarm Crystal VDP will activate panic ringing / external hooter / auto SMS to predefined mobile phones / trigger panic to connected Crystal guard security system, plus a host of other advanced functionalities.

**Dial Pad** Crystal VDP features a telephone Style Key Pad to dial Extension Telephone numbers and for programming.

**Cameras & Door units** Crystal VDP can connect two cameras and easily toggle between the two cameras using single buttons. Ideally a common camera can be placed at the security gates to monitor visitors and the other can be a standard 'Door phone outdoor unit' with camera and lock open facility. Both combinations of two 'security cameras' or one 'security camera' & one 'Door phone outdoor unit' is possible.

**Door Unlock** Crystal VDP can operate an optional 'Electronic Door Lock' to open the door. A built in safety feature prevents accidental opening of the door if the unlock button is pressed by mistake.

**CLI with Name** A true "CLI" system which displays the calling extension number on the TFT-LCD the way you get it on MTNL/ DOT lines. Know who is calling you before lifting the handset. If connected to 'Crystal Guard G2K Security Intercom System' in addition to the number NAME of the caller can also be displayed.

**CLI based Camera Switching** Crystal VDP can be programmed to SELECTIVELY display Security Camera output on your VDP only if the call is from the Security Extension.

**Call History** Crystal VDP has a memory to keep a record history of last 5 incoming Calls. In case the Crystal VDP is connected to 'Crystal Guard G2K Security Intercom System' in addition to the called number Date & Time would be available.

**Panic Alarm** This feature can be activated by a panic button. Apart from the built in panic Button on the Crystal VDP any number of additional panic buttons can be installed in any flat-say in the kitchen, one near the entry door, one in the bedroom etc. Whenever switch is pressed, the Crystal VDP will start 'panic ringing' & will turn on the optional Loud emergency siren/ Hooter. In case the Crystal VDP is connected to 'Crystal Guard G2K Security Intercom System' the Crystal VDP will additionally turn on the emergency Siren/ Hooter at the Security and the number flashed on the Security display unit, simultaneously programmed extension will also get panic call. 'Crystal Guard G2K Security Intercoms' are also capable of sending automatic panic SMS to predefined mobile numbers using optional FCT.

**Loud Siren Output** An Optional External Loud Siren can be connected to the Crystal VDP to Alert the neighbours in case of Panic/ Alarm.

## Telephone Function

Crystal VDP features a Telephone Handset and a telephone dial pad to work like a telephone instrument.

## High Quality Coloured TFT-LCD

Crystal VDP uses industry's best coloured TFT-LCD display to give unmatched picture quality.

**Wired Alarm Sensors (One Zone)** Crystal VDP supports sensors like Smoke Detectors, Gas Leak Detectors, Motion Detectors, Glass Break Detectors, Magnetic Door/window Detectors. Crystal specially designed sensors can be connected in series to activate Panic alarm/Loud Siren Output. In case the Crystal VDP is connected to 'Crystal Guard 2K Security Intercom System', it will additionally turn on the emergency Siren/Hooter at the security and the number flashed on the security display unit, simultaneously programmed extension will also get panic call. 'Crystal Guard 2K Security Intercoms' are also capable of sending automatic panic SMS's to predefined mobile numbers.

**Auto SMS to cell phones** Crystal VDP can connect directly to an optional Crystal FCT to send panic SMS to predefined mobile numbers so that necessary timely action can be initiated.

**KEY 'FOB' -Remote unlock** Crystal VDP with optional RF card becomes a powerful wireless Home Alarm System. The Door can now be unlocked using wireless key fob facilitating Keyless entry. Function like 'Door Open' from a distance say while sitting on your sofa, or activating/deactivating ALARM when you leave/return home can be easily accompanied using wireless 'Key FOB'.

**Wired/wireless Alarm Sensors (Multi zone)** Crystal VDP can have up to 20 different zones and sensors connected accordingly. Zone defines the way in which the system responds to exceptions. All Sensors are connected in tandem on the same wire thereby saving on cable cost. With RF card installed wireless sensors can be connected. Any mix of wired & wireless sensors is possible.

**Alarm Panel** Crystal VDP supports advanced Alarm Panel modes "ARM HOME"- when the home is occupied & there is movement within the home, "ARM AWAY"- when the home is unoccupied. In this mode all inputs are monitored for exception & treated as an ALARM condition.

**Multiple 'Door Phone Outdoor' units** Crystal VDP can connect to multiple Door Phone Outdoor units as well as multiple security cameras- A result of Crystal's rigorous in house research & development efforts.

**Keyless Entry using PIN** Crystal VDP facilitates Keyless entry in case of emergency by using secret PIN on the 'Door Phone Outdoor Unit' to open the door.

**Master Slave Intercom** Crystal VDP connects to a slave terminal to enable master slave two way intercom conversation. For example a slave unit can be installed in the help's room, for two way communication.

**Battery Back-up** Connect's to an optional external 12V MF battery for uninterrupted operations.



Be SURE!



The world will now be a much better place to live in