



crystalHDV^{*}20

PROFESSIONAL ENTERPRISE IP PHONE

The Crystal HDV20 is an executive IP phone designed for office environments. It is especially designed for maximum productivity and efficiency in everyday business scenarios. The HDV20 has an integrated speaker phone allowing Conference quality hands-free. Supporting up to 3 SIP accounts, 3 programmable keys, and a 5 button control panel for menu selection.

SUPERIOR TECHNOLOGY

Using next generation chipset the HDV20 offers unrivaled superb HD Voice Quality, innovative functional richness, friendly user interface, and stylish design. It is definitely able to provide a pleasant and satisfactory end-user experience. For Service Providers and Operators it provides customisable LCD screen, XML Interface and screen print branding. Experience High Definition Voice.

KEY FEATURES

- High Definition Wideband Audio Codec (G.722)
- Up to 3 SIP lines
- Titan TI Chipset
- Full Duplex Handsfree Speaker Phone
- 3 Programmable Keys
- 2 LED indicators
- 1 Headset Port x RJ9
- PoE (Power Over Ethernet)*
- 2 Port 10/100 Network Ports
- Integrated phone book

*Available on order in manufacturing quantities.

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NETWORK FEATURES

- SIP v1 (RFC2543), v2 (RFC3261)
- 3 SIP Accounts
- NAT transverse: STUN mode
- IP Assignment: Static/DHCP/PPPoE
- In-Band DTMF, Out-of-Band DTMF, SIP Info
- Proxy mode and Peer-to-peer SIP link mode
- TFTP/DHCP/PPPoE client
- Telnet/HTTP server
- DNS client
- NAT/DHCP server
- Support VLAN, QoS
- PoE optional

ADVANCED APPLICATION FEATURES

- Wideband Codec: G.722, voice spectrum between 50-7000Hz
- Narrowband Codecs: G.711, G.726, G.723.1/iLBC, G.729AB and GSM
- VAD, CNG, AEC, PLC, AJB, AGC
- Full-duplex hands-free speakerphone -compliant with IEEE 1329 support Hearing Aid Compatible (HAC)

SECURITY FEATURES

- Secure RTP
- Digest authentication using MD5/MD5-sess
- Secure configuration file via AES encryption

IP PBX SYSTEM INTEGRATION

- SMS, BLF/BLA, Paging, Intercom
- Downloadable enterprise phonebook
- Call Park, Call Pickup, Distinctive Ringtone
- Auto-answer, Dial Plan, Dial-now

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TELEPHONE FEATURES

- Call Hold, Call Waiting, Call Transfer, Call Forward
- Caller ID, Call List, DND, Redial, Flash
- 3-way Conference, Speed Dial
- Personal Ring Tone, Voicemail
- Volume Adjustment, Mute, Speakerphone
- Logo Customization, Black List, Phone Lock
- Admin/User Configuration Mode
- Contact List Export/Import
- System Log Export/Import
- Hotline, Signal Tone Settable
- Multi-language

PHYSICAL FEATURES

- TI Titan Chipset
- LCD: 132x64 with blue backlit
- 3 programmable keys, 4 text-sensitive keys
- 23 hard keys, 2 indication LEDs
- Headset port: RJ9
- Network Interface: 2xRJ45 10/100M ports
- Dimension: 185 X 200 X 90mm
- Net Weight: 0.77kg
- Power adapter: Input: AC 100~240V
- Output: DC 5V/1A
- Operating humidity: 10~95%
- Storage temperature: up to 60 C

CONFIG, UPGRADE & USAGE

- Firmware Upgrade: TFTP/Console/Auto provision
- Auto-provision: TR069 Optional
- Direct IP call without SIP proxy
- Dial number via SIP server
- Dial URL via SIP server

SPECIFICATIONS

- Qty/CTN: 10 PCS
- N.W/CTN: 22.86KG
- G.W/CTN: 25.26KG
- Measurement: 0.073 CMB
- Carton Meas: 565x550x235mm

OEM DEVELOPMENT

- Custom branding
- Soft branding low volume
- Bespoke packaging
- GUI branding
- LCD Logo display

CERTIFICATION

