



# Videophone

## TV-60F



### Description:

The videophone supports Android 4.2 system. Featuring HD audio and video, virtual programmable keys and other high-tech applications, it provides enterprise-level user communication and extendable value-added services with flexible communication solutions.

### Feature:

- \* Programmable keys, and user-defined screen soft keys.
- \* Support 140 programmable keys.
- \* Call recording & message forwarding.
- \* Enhanced conference call application.
- \* Support LDAP&XML remote phone book.

### Call characteristics:

- \* Call forward.
- \* Call transfer (absent/present/half-present).
- \* Call hold.
- \* Programmable keys based on screen operations (maximum 140 functional keys).
- \* Automatic redial.
- \* Support call recording / local recording.
- \* Auto answer (hands-free / handle).
- \* Caller ID display.
- \* Non-registered call.
- \* Call record: missed call / incoming call / outgoing call.
- \* Headset ringing.

### Phone characteristics:

- \* Support high-quality video calls.
- \* Support SIP 2.0 (RFC3261) and related RFC.
- \* Support 6 SIP servers and backup SIP proxy servers.
- \* Support SIP UDP/TCP/TLS.
- \* Support HDMI output audio and video.
- \* The USB interface is in host mode.
- \* Support up to 128ms of echo cancellation in hands-free full-duplex mode.
- \* Support packet loss compensation, and adaptive jitter buffer.

### Display characteristics:

- \* 7" TFT 800×480 capacitive touch screen.

### Audio characteristics:

- \* Broadband speech coding: G.722.
- \* Narrowband speech coding: G.711A/μ, G.723.1, G.729AB, iLBC, AMR.
- \* DTMF type: In-band, Out-of-band (RFC 2833) and SIP INFO.
- \* Support hands-free full-duplex (128ms maximum echo cancellation).
- \* Voice activation detection / silence suppression.
- \* Comfort noise generation.
- \* Adaptive jitter buffer.
- \* Packet loss compensation (PLC).

### Video characteristics:

- \* Video coding: H.264 / H.263.
- \* Video solution: QCIF / CIF / VGA / 4CIF (720P optional).
- \* Broadband range: 64kbps~4Mbps.
- \* Video frame rate: 10~30fps.
- \* PIP function.
- \* Remote video full screen display mode.

### Network/security feature:

- \* WAN/LAN: support bridge mode.
- \* Support PoE (802.3af).
- \* Support primary DNS and secondary DNS server.
- \* Support VLAN.
- \* Support SNTP client.
- \* Support VPN L2TP / PPTP / IPSec.
- \* Support SRTP.
- \* Support web page HTTP / HTTPS.
- \* Support QoS: 802.1p/q, DSCP.
- \* Support MD5 certification.
- \* Support Web Filter.
- \* DHCP/static/ PPPoE.
- \* STUN.

### Maintenance and management:

- \* Support Web, Telnet.
- \* The web page has different account permissions for management.
- \* Support automatic upgrade / Profile configuration file deployment.
- \* Support Profile Encryption Download (AES).
- \* Support automatic deployment (DHCP Option/PnP/Phone Flash).
- \* Support web page upgrade.
- \* Support U disk / SD card upgrade.
- \* Support backup data / restore factory settings.

### Physical characteristics:

- \* Adapter input: 100-240V.
- \* Adapter output: 12V/1A.
- \* WAN port - 10/100/1000 Base-T RJ-45 is connected to the LAN.
- \* LAN port - 10/100/1000 Base-T RJ-45 is connected to the PC.
- \* HDMI interface type - Type A.
- \* SD card - TF card supports up to 32G.
- \* USB interface - USB 2.0.
- \* Power consumption - Idle: 2.5W / working: 5W.
- \* LCD diagonal size: 7" (800 x 480) capacitive touch screen.
- \* Working temperature: 0~40 °C.
- \* Relative humidity: 10~65%.
- \* CPU: Freescale 1GHz quad-core chip.
- \* SDRAM - 1GB DDR3 1066.
- \* Flash-4GB.
- \* Weight: 1.2 Kg / Total: 1.8 Kg.