The Alcatel-Lucent 8088 Smart DeskPhone is a sleek and intuitive desk phone designed for professionals. Its seven inch vivid touch screen, Bluetooth® handset and built-in camera offer a smooth multimedia user experience with outstanding wideband audio and HD video conversations.

The 8088 Smart DeskPhone also has an HDMI® output for screen replication. It also has a dedicated video HD display on an external monitor, which provides an opportunity to transform any regular meeting room into a video-enabled conference room.

**Features**
- Phone design features a large, color touch-screen display
- Wideband everywhere
- Intuitive user interface
- Built-in HD camera
- HDMI connector
- Ambient light sensor
- Bluetooth

**Benefits**
- Elegant design makes it a great brand advocate in main offices or branches that receive visitors.
- Outstanding HD audio quality is provided across equipment, including hands-free, handset, stereo headset and Bluetooth.
- Convenience provided by the award-winning OpenTouch Conversation® user interface enables simplified HD audio and video communications.
- Intuitive HD video: When at the desk, executives and managers enjoy comfortable business communications that can be escalated to HD video peer-to-peer or multi-party sessions with a single tap.
- The video display can be extended to an external HD monitor for more immersive video collaboration.
- The brightness is auto-adjusted for enhanced visual comfort depending on lighting (artificial or daylight).
- Wideband audio handset and support for earphones enable better in-building mobility and excellent audio quality.
**Technical specifications**

**Mechanics**
- Weight: 1486 g (3.27 lbs) including handset
- Depth: 167 mm (6.57 in)
- Width: 252 mm (9.92 in)
- Height: 204 mm (8.03 in)
- Color: Black
- Adjustable foot stand ranging from 25° to 60°
- Ingress protection (IP): 22

**Display**
- Seven-inch screen graphical TFT-LCD color touch screen display
- Wide video graphics array (WVGA): 800x480, 16:9 format
- External display through HDMI: Up to 1280 x 720
- Capacitive touch screen technology
- Ambient light sensor
- LCD backlight:
  - Manual adjustment based on user-defined level
  - Auto-brightness mode based on ambient light and user-defined level

**Connectivity**
- LAN: 10/100/1000 Ethernet
- PC through 10/100/1000 integrated Ethernet switch
- Universal 3.5 mm audio and stereo jack, 4 pins, following the Cellular Telephone Industries Association (CTIA) / American Headset Jack (AHJ) standard
- Two USB ports (1.1/2.0) to connect external camera, audio equipment, low smartphone charging or USB stick
- RJ9 connector for corded handset (optional)
- Bluetooth embedded: Headset, earphones, handset, loudspeaker and hands-free support
- HDMI 1.4a output, support for screen replication and dedicated HD video display

**Audio**
- HD audio:
  - Wideband loudspeaker
  - Wideband Bluetooth handset
  - Wideband, comfort and wired handset
- Full-duplex speakerphone
- Acoustic echo cancellation
- Automatic Gain Control (AGC) to adjust audio volume and comfort while in conference

**Video**
- H264 Baseline Profile Level 3.0
- Picture-In-Picture (self-preview overlay)
- Power line flicker compensation
- Hot-plug/unplug for an external USB camera
- HD video display through an HDMI output
- Internal HD camera:
  - 720p at 25 fps
  - 5 MP
- Mechanical shutter for privacy

**Keys and navigation**
- Sensitive keys with a contextual LED management:
  - Mute
  - Volume +/Volume -
  - Audio mode selection: Hands-free, loudspeaker, headset, or handset
  - Hang-up
  - Communication services: active communications, call history, voice mail access, and message waiting indicator

**Centralized management**
- Dynamic Host Configuration Protocol (DHCP)/ Automatic VLAN Assignment (AVA)
- Link Layer Discovery Protocol for Media Endpoint Devices (LLDP-MED) (802.3 AB)
  - Extensions: VLAN assignment, PoE management, inventory, geolocation
  - HTTP/ HTTPS
- Software upgrade
  - Fast upgrade mode: Software downloads in the background. The device is available to the user during audio and video calls as well.
  - ~1 min of device unavailability during boot time
  - Scheduling through Alcatel-Lucent OmniVista® 8770 Network Management System
- Device configuration based on company standards: Power management and telephony service configuration, such as speakerphone, Bluetooth, automatic lock, audio accessory availability, audio management, and security
- Customizable user interface (skin, melody, colors and background image) using Smart-Custo for DeskPhone, graphical application to build new skin on the 8088 Smart DeskPhone.
- Centralized date and time management (Simple Network Time Protocol, SNTP)
Quality of Service
• 802.1 p/Q
• Differentiated services code point (DSCP)

Security
• HTTPS for secure HTTP access
• 802.1x Message Digest 5 (MD5)/TLS: Customer certificate management (with centralized deployment) for authentication
• Denial of service (DoS) attack protection: Flooding
• Session Initiation Protocol (SIP) message authentication through IP filtering
• Address Resolution Protocol (ARP) spoofing protection
• Transport Layer Security (TLS) 1.2 standard
• Secure Hash Algorithm (SHA)-2 support
• Audio SIP TLS and Secure Real-time Transport Protocol (SRTP) encryption

Internationalization and localization
• Support for 29 languages and input method editors, such as Pinyin, Katakana, Hiragana, and Hangul

Accessibility
• Hearing aid compatible (HAC)
• Incoming call blinking LED: Back and front visibility

Communication services
• Telephony services: Call, answer, deflect, enquiry, hold, broker, transfer and conference controls
• Multi-line management
• Call log: Missed, outgoing and incoming calls
• Dual-tone multi-frequency (DTMF)

Business communication services
• Place, answer and manage wideband voice, HD video and conferences
• Business caller ID and picture presentation

User-based customization
• Audio file player (MP3, WAV)
• Image and photo viewer (JPG, BMP, PNG)
• Access to local settings for:
  ~ Screensaver or user-defined
  ~ Ring tone and notification melodies (more than 10 choices)
  ~ Background image or user defined
  ~ Colored skins
  ~ Audio equipment management
  ~ User preferences (such as home page and backlight)

Accessories in the catalog
• Wideband comfort handset, corded
• Bluetooth handset
• PoE injector
• 48 V power adapter
• Headsets (for and up-to-date list, see the catalog)

Third-party application support
Dedicated business applications can be deployed on the 8088 Smart DeskPhone.