# Mitel BluStar™ 8000i

## Desktop Media Phone

### Key Features

- Native HD Video
- Outstanding HD Audio
- Smart Microphones
- In-Person Communication
- Rich Presence Information
- PC Desktop Sharing
- Business Applications

*Video Call and Applications screen*

The Mitel BluStar™ Desktop Media Phone marks a new era in enterprise communications bringing true HD video conferencing to the desktop.

## Key Features and Benefits:

### NATIVE HD VIDEO

Utilizing the large 13 inch color TFT display, the BluStar Media Phone displays true 720p HD video for video calling and video conferencing, making remote communication personal again.

### OUTSTANDING HD AUDIO

With three high fidelity speakers providing left, right & central audio emission, and G.719/G.722 wide-band codecs support, the BluStar 8000i has outstanding audio features enabling you to clearly hear everything that is said.

### SMART MICROPHONES

Four microphones are networked to form a steerable array that tracks your voice location and helps eliminate unwanted background noise, the BluStar 8000i audio features enable you to hear and be heard – just like being there in person.

### IN-PERSON COMMUNICATION

Face-to-face video calls provide a rich in-person communication experience quickly and conveniently. With powerful presence & directory look-up features and ad-hoc conferencing just a click away, the BluStar Media Phone brings people instantly together.

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## RICH PRESENCE INFORMATION

Real-time presence information makes getting in touch with contacts at the right time using the right mode of communication a simple and easy task. The BluStar 8000i's rich presence capabilities provide an accurate view of a user's availability across a variety of communication devices and applications. Phone line and calendar presence capabilities combined with its intuitive user interface make the BluStar 8000i a powerful communication tool that brings natural collaboration to every desktop.

## PC DESKTOP SHARING

Sharing your PC desktop is made intuitively easy promoting quick and efficient information sharing. Live sharing of desktops while still viewing video participants takes productivity to a new level.

## BUSINESS APPLICATIONS

BluStar Desktop Media Phones can easily be integrated into daily business processes via built-in and customizable applications. The BluStar 8000i can run productivity enhancing applications simultaneously with video calling making it simple to have real time access to business intelligence.



*Full Screen 4-way Conference Call*

# Mitel BluStar™ 8000i Desktop Media Phone

The Mitel BluStar 8000i Desktop Media Phone is available as part of a standalone solution or fully integrated into Mitel's Unified Communication platforms. As a standalone solution, BluStar media phones and the BluStar Application Server (BAS) provide extensive multi-way video conferencing and collaboration features. As part of a fully integrated Mitel UC solution, BluStar media phones connect directly to Mitel's Call Managers (no BAS required) and provide a significant feature set such as peer-to-peer & 4-way video calling in addition to a range of built in business productivity applications.

# Mitel BluStar™ 8000i Desktop Media Phone Powerful HD Video Communication and Collaboration

## VIDEO STANDARDS & FEATURES

- *H.264 AVC video*
- *Up to 30 frames per second refresh rate*
- *True 720p HD, 1280x720 video resolution*
- *Ad-hoc conferencing capabilities for multi-way video conferencing and collaboration*
  - *Up to 4-way when deployed with Mitel communication servers*
  - *Up to 11-way when deployed with a BluStar Application Server (BAS)*
- *Does not require the use of a Multipoint Control Unit (MCU)*
- *Enhanced conference modes to display video participants in multiple views*
- *Picture-in-picture self-view*
- *Magic Mirror to view transmit image prior and during call*
- *Simultaneously view and share your PC desktop screen while participating in active video conference calls*
- *Simultaneously view and run up to three applications while participating in active video conference calls*
- *Variable Bit Rate (VBR) technology to optimize bandwidth utilization*

## DISPLAY

- *Large, 13-inch (1366x768) color TFT display*
- *Touch-sensitive interface supporting gesturing (drag/drop, etc.)*
- *Full, 720p HD (High Defintion) video support*
- *True HD video image (1280x720) natively displayed without scaling*

## CAMERA FEATURES

- *1280x720 resolution*
- *Up to 30 frames per second, progressive scan*
- *Large, 70-degrees Field of View (FoV)*

## AUDIO STANDARDS & FEATURES

- *Wide-band audio*
- *G722, G.711, G.719*
- *Full-duplex audio*
- *Super wide-band acoustic echo canceler (AEC)*
- *Automatic gain control*
- *Microphone/speaker mute*
- *Individual and global volume controls to manage each participant's audio settings*

## AUDIO INPUTS/OUTPUTS

- *Four-element smart microphone array*
- *Modular headset connection (RJ-9)*
- *3.5 mm headset connector*
- *3.5 mm external microphone connector*

## TELEPHONE FEATURES

- *Hold*
- *Transfer*
- *Conference*
- *Favorites*
- *Call Forward*
- *Call Pickup*
- *Redial/call histories*
- *BLF/Presence*
- *DND*
- *Conference*

## BUSINESS APPLICATIONS

- *Suite of built in applications, as well as support for external applications*
- *Up to 50% of display allocated to user defined applications*
- *Up to three applications can run concurrently with video conferencing*

## REMOTE CONNECTIVITY

- *Built-in VPN client*
- *Asymmetrical video channel bandwidth support*

## DESKTOP SHARING

- *Share PC desktop with video conference participants*
- *PC Client application for desktop sharing*
- *Share full or partial PC screenshots*
- *Share PC desktop automatically for presentation mode*
- *Directory Services*

## DESKTOP SHARING *(cont'd)*

- *Global corporate directory, Personal contacts, Favourite & call history lists*
- *Interfaces with Lightweight Directory Address Protocol (LDAP) for user directories*
- *Interfaces with Microsoft Exchange Personal Contacts for enhanced productivity*
- *2,000-contact global directory*
- *Grouping capabilities within directories*
- *Rich presence information allowing users to monitor availability status of favorites*

## LOCALIZATION

- *Multi-language support: English, French, German, Spanish, Italian, Chinese, Japanese and Dutch*
- *Country-specific call progress tones and cadences*

## NETWORK INTERFACES & FEATURES

- *Dual 10/100/1000 Mbps switched*
- *Ethernet ports (LAN and PC ports)*
- *Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup*
- *SIP Call Control (RFC 3261) and associated RFC's*
- *Remote office support*

## SECURITY FEATURES

- *Biometric fingerprint reader for secure login*
- *Transport Layer Security (TLS)*
- *Secure Real Time Transport Protocol (SRTP) for voice*
- *Management via Hypertext Transfer Protocol over Secure Socket Layer (HTTPS)*
- *Administrator/user passwords*
- *Handset included for private audio conversation*
- *SIP Digest Authentication*
- *User authentication via BluStar database*

## SYSTEM MANAGEMENT

- *Server based provisioning (configuration files) for system wide or Terminal specific configuration*
- *Mass deployment via central provisioning of user configuration files*
- *Remote software upgrades*
- *Network statistics provided for troubleshooting*
- *Remote management via a Web interface on the BluStar Application Server*

## POWER

- *Auto-sensing power supply*
- *Input (maximum) 120/220 VAC, 50/60Hz*
- *Eco-friendly power saving features*

## PHYSICAL

- *34.5 cm W x 25cm D x 38.5 cm H (13.6" W x 9.8" D x 15.2" H)*
- *6.3 kg (13.8 lbs)*

## OPERATING CONDITIONS

- *Operating Temperature: 0°C to 50°C (32°F to 122°F)*
- *Operating Relative Humidity: 20% to 90%, non-condensing*
- *Storage Temperature: -20°C to 70°C (-4°F to 158°F)*

## REGULATORY

- *CE*
  - *RoHS compliant*
  - *WEEE (2002/96/EC Directive)*
  - *CE Mark (2004/108/EC EMC Directive and 73/23/EEC Low Voltage Directive)*
- *EMC*
  - *FCC Part 15 Class A*
  - *ICES-003 Class A*
  - *EN 55022 Class A*
  - *EN 55024*
  - *EN 61000-3-2*
  - *EN 61000-3-3*
- *Safety*
  - *CAN/CSA C22.2 No. 60950-1 / UL 60950-1*
  - *EN 60950-1*
  - *IEC 60950-1*
  - *AS/NZS 60950-1*
  - *IECEE CB-Scheme*
- *Telecom/ RF*
  - *FCC part 68 (Hearing Aid Compatibility)*
  - *CS-03 (Hearing Aid Compatibility)*
  - *AS/ACIF S004*