



Large 60" flat panel
multi-touch display



PTZ camera featuring
Carl Zeiss optics



Audio conferencing
with built-in microphone
and speakers



Wireless keyboard with
trackpad for enhanced
interactivity



Wireless pen tablet for
increased collaboration



Windows 7 Professional
pre-installed powered by
an Intel Core i5 computer



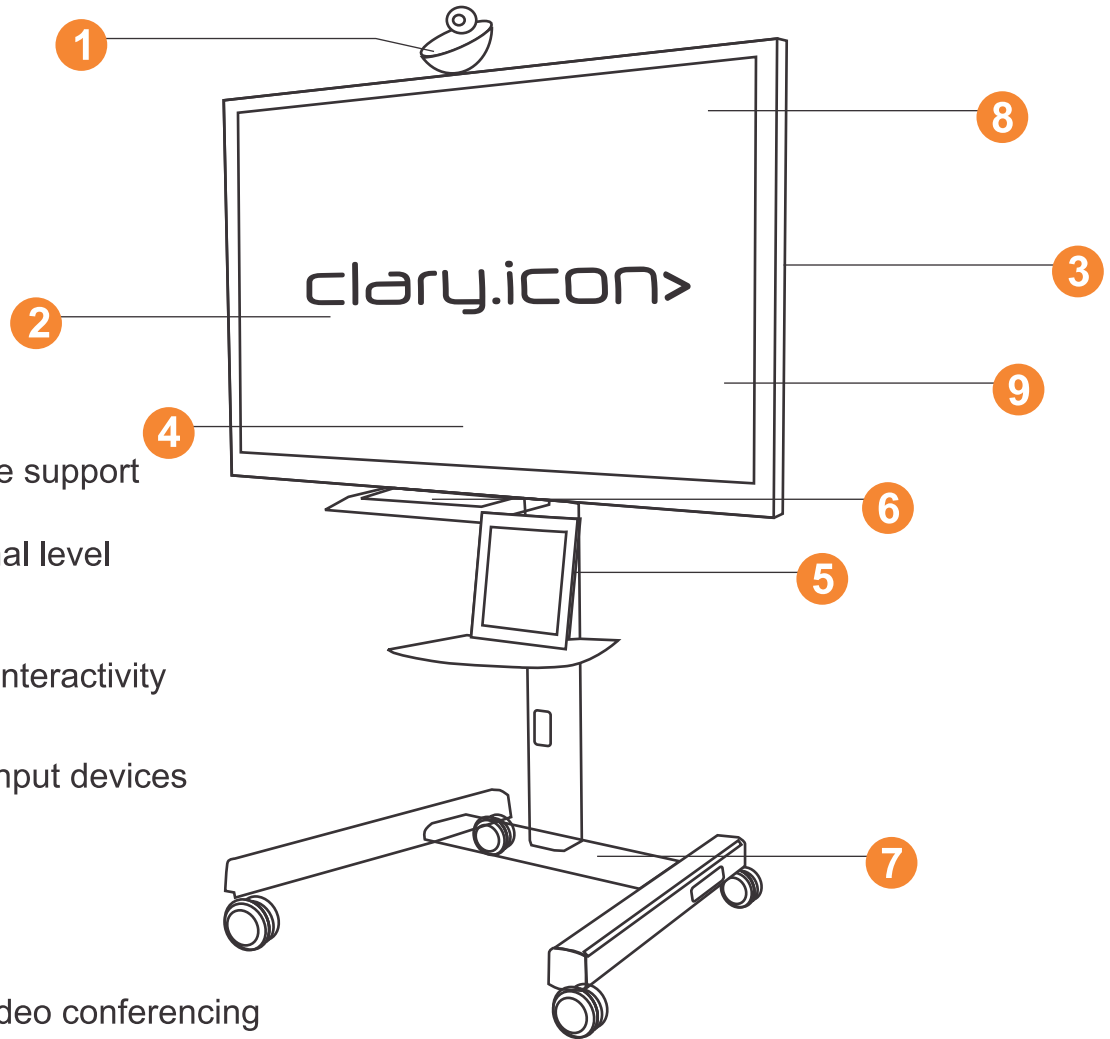
Simultaneous H.323,
SIP, Skype and Google
video conferencing

Communicate.
Collaborate.
Compute
clary.icon>



Product Highlights

- 1 PTZ camera featuring Carl Zeiss optics
- 2 Large 60-inch flat panel multi-touch display
- 3 Audio conferencing with built-in microphone and speakers
- 4 Multi-touch digital interactive whiteboard with powerful Hitachi Starboard software and gesture support
- 5 Bluetooth tablet for remote sharing and additional level of interactivity
- 6 Wireless keyboard with trackpad for enhanced interactivity
- 7 Optional mobile cart with a convenient tray for input devices
- 8 Windows 7 Professional pre-installed powered by an Intel Core i5 computer
- 9 Simultaneous H.323, SIP, Skype and Google video conferencing



Say hello to Clary Icon.

Clary Icon is the world's first completely integrated collaboration solution. Now you can take your meetings and presentations to the next level. It brings together a multi-touch digital interactive whiteboard, high definition video conferencing system and a powerful Windows 7 Professional computer in one package. Its interoperable architecture allows you connect with different devices irrespective of the vendor or protocols.

The Clary Icon uses a 60-inch multi touch flat panel screen, which provides the ultimate canvas for 1080p video conferencing and multimedia. Use multi-touch gestures to take charge of presentations and meetings. The advanced infrared sensing technology results in highly responsive touch navigation. In short, the Clary Icon is a one-stop shop for all your collaboration, communication and computing needs. Connect and collaborate with anyone, anytime, anywhere using a single device. Clary Icon puts everything that's important to you a touch away.



Key Benefits

Integrated Communication and Collaboration

Clary Icon is the world's first solution that brings together professional class HD video conferencing, a powerful interactive whiteboard and a very robust computer. It is a fully autonomous collaboration unit requiring no additional external devices.

Interoperability

The only solution in the market that allows you to connect with any video and audio conferencing solution based on H.323 and SIP protocols. Clary Icon's interoperability makes it an ideal choice for enterprise-level collaboration where different vendors and endpoints are always encountered. You can also connect with consumer-level clients such as Skype, Google Chat using the MeetMe bridging service and Google Talk.

Increased Productivity

Clary Icon has been engineered for significantly enhancing productivity irrespective of whether it's used in a corporate boardroom or a classroom. Control presentations from within the audience using the wireless pen tablet, android tablet or wireless keyboard.

Significant Cost Savings

One package with professional HD video conferencing, interactive whiteboard and a powerful computer. When these components are purchased separately they cost three to four times more.

Clutter-free Setup

Separate components are not only expensive but also difficult to manage, take up more space and are usually not compatible with one another. Clary Icon puts all the tools required for collaboration and communication in an Information age at your disposal.

Media and Entertainment

The Clary Icon is not just about work. It acts as a full-fledged media center with a 60-inch HD display and a powerful computer. It's great for viewing videos, creating multimedia-rich presentations or surfing the internet. Integrated speakers eliminate the need of connecting an external sound system.

Industry Leading Hardware and Software

Clary Icon is the result of our team's close collaboration with industry leading hardware and software vendors. The premium components that are integrated in the Clary Icon are the best in their respective categories.

NAT and Firewall Transversal

The Clary Icon works behind firewalls and does not require the use of public IP addresses or unblocking firewall ports for video conferencing to work. The NAT and firewall transversal service allows outsiders to connect to your network by deciphering the public IP address.



It's as good
as being there.



clary.icon
www.claryicon.com

Video Conferencing

Clary Icon provides professional High Definition visual communication in a cost-effective package. With so many video conferencing vendors and endpoints, it becomes practically impossible to ensure compatibility with all of them. The Clary Icon however is completely interoperable and is compatible with all the popular conferencing standards such as H.323 and SIP. Our collaboration device can also interface with consumer-level clients such as Google Talk and Skype. A built-in NAT and firewall transversal service allows video conferencing to be easily conducted with outsiders without having to worry about the network configuration.

Clary Icon is both powerful and simple to use owing to its 'plug and play' design. A simple touch on the video conferencing icon will connect you with anyone across the globe that has a computer and an Internet connection. Clary Icon's video conferencing platform along with its unique collaboration tools affords remote participants rich video meeting experiences as if they were in-room attendees.

Clary Icon sports industry-leading hardware and software to provide you with the most immersive and seamless video conferencing experience. You can remotely connect with colleagues, family and friends on any desktop, laptop, mobile device and tablet.

Product Highlights

- **Interoperable architecture:** Compatible with H.323, SIP
- **Multiparty Conferencing:** Multiparty HD video conferencing that supports up to 12 nodes using the MeetMe bridging service
- **NAT and Firewall Transversal:** Convenient NAT and firewall transversal
- **1080p PTZ Camera:** 1080p PTZ camera featuring Carl Zeiss lens
- **Bundled Softphone:** Bundled with Lifesize Softphone for connecting with any consumer and enterprise video conferencing solution
- **HD Video:** Full HD (1080p) video with natural, full-motion video up to 2 Mbps
- **Multiparty Conferencing:** Connect up to three participants on each call without any cost
- **Open and Interoperable:** Standards-based, endpoint agnostic; connects to any H.323/SIP device and IM service such as Skype and Google Talk
- **Data Sharing:** H.239 data collaboration with desktop video sharing mode
- **In-Call Features:** Call recording, playback and export to WMV or MOV format
- **Security:** Support for DTLS-SRTP media encryption for SIP
- **Audio Quality:** Crystal clear audio with acoustic echo cancelling using the MeetMe bridging service
- **Superior Contact Management:** With a user-friendly directory for click-to-call dialing, and built-in call management lets users place up to two calls on hold or transfer them to continue communication.

Audio Conferencing

As VoIP is proliferating the use of voice and instant messaging is becoming the mainstay of integrated communication. Combining voice calls and Instant Messaging in a simple interface, Clary Icon helps you seamlessly transition from a traditional phone into the world of Voice over IP. Once again, the interoperable architecture of Clary Icon allows you to connect with different devices by different vendors. Our audio conferencing paraphernalia will provide you with professional grade voice communication over standard Internet connections. Simply touch the audio conferencing icon and connect with anyone with a computer or phone anywhere in the world. Whether you're having a simple voice conversation, saying hello to loved ones or chatting with friends over IM, you'll soon see why Clary Icon's audio conferencing is the ultimate communications experience. Please note that a SIP account will be required for conferencing services to work.

Product Highlights

- High Definition audio conferencing via built-in microphone and speakers
- Works with all popular any SIP compliant VOIP service
- Advanced echo cancellation and noise reduction through advanced audio codecs
- Standard call features such as call hold, 3-way calling, call display, pop-up notification for incoming calls, call ignore/reject and more
- Send Instant Messages to your contacts when you see they are online
- Import contacts from other address books
- Signaling and media encryption via TLS and SRTP
- Synchronize your contacts with Microsoft Outlook® personal address book
- Access your company directory with on-demand search
Improved firewall traversal and compliance with the latest standards (ICE, STUN & TURN) Enhanced QoS for voice calls
- Record calls or conferences

Conversing has
never been this
immersive!



One canvas for sharing everything



Web Conferencing

Clary Icon was engineered with a view to bring collaboration and communication on the same platform. This enables users to conduct meetings across remote locations while experiencing the personalization and richness of being in the same room. With the flexibility of pre-installing any web-conferencing solution of your choice, Clary Icon does not bind you to a pre-selected list of software and services. Clary Icon allows you to create and share documents and spread sheets and enables multiple parties to work on them at the same time. Screen sharing offers endless possibilities for teamwork and brainstorming. Cut back on your operational expenses by meeting customers, partners and colleagues online irrespective of their geographical location. You can also share screen, whiteboard and documents with remote participants.

Product Highlights

- Compatible hardware and software allows us to customize Clary Icon with any collaboration suite of your choice.
- Share content using leading collaboration solutions such as Adobe Connect, Avaya, Cisco WebEx and other Cisco Video Conferencing applications, Citrix Go to Meeting, LifeSize Connections, FaceTime, Google Hangouts and Video Chat, Microsoft Lync and Office365, Vidyo, Skype.

Digital Interactive Whiteboard

Clary Icon is a fully featured interactive whiteboard that supports multi-touch and other hand gestures. The best part about this interactive whiteboard is that it requires no external computer or projector to function. Everything is built-in. Powered by the world's leading interactive whiteboard software—Hitachi Starboard—it makes sharing, presenting and controlling onscreen information a breeze. The accompanying software is packed with advanced features such as handwriting and speech recognition, conferencing facility and screen sharing between different starboard users and an intelligent shape recognition feature using the included Intellipen. The Clary Icon Starboard software sports excellent integration with web browsers and search engines allowing you to invoke different browser functions from within the whiteboard interface. To add another dimension of interactivity, Clary Icon comes bundled with Hitachi's WT 1 wireless tablet, which works in tandem with the Starboard Software.

Product Highlights

Highly responsive Infrared sensor

Advanced handwriting recognition

Accurate shape recognition with the included Intellipen

Built-in conferencing and screen sharing capability for enhanced collaboration between starboard users

Great integration with web browsers and search engines

Powerful StarBoard software that allows you to present, annotate and share information

Interactive business presentations and classroom lessons

Navigate through Windows just like you would on a PC—with touch functionality. Browse the internet and use finger gestures to achieve tasks

Share information with colleagues around the world in real time with the interactive conferencing feature.

Seamlessly connect to your preferred online search engines, providing prompt information retrieval.

Import frequently used documents, digital content, and motion video, enabling instant annotation.

Drag and drop images instantly into StarBoard software. Instantly convert freehand notes into text with the text pen.

No more run-of-the-mill
meetings and
presentations





Input Devices

Multi-touch Screen

The primary input mechanism for the Clary Icon is its highly responsive infrared multi-touch interface. It has a quick response time of 7 – 13 ms and features a protective glass coating. Using gesture-support you can truly transform how to present information and interact with your audience.

Wireless Tablet

The primary input mechanism for the Clary Icon is its highly responsive infrared multi-touch interface. It has a quick response time of 7 – 13 ms and features a protective glass coating. Using gesture-support you can truly transform how to present information and interact with your audience.

Premium Wireless Keyboard

Clary Icon comes with a high-quality wireless keyboard further enhancing the overall experience. It features full-sized standard 18 X 18 mm keys and 17 one-touch access controls with instant backlit feedback. A Plexiglas panel with brushed aluminium palm rest results in comfortable and ergonomic usage.

Product Highlights

Infrared touch technology

No pressure required

32,767 × 32,767 touch resolution

7 – 13 ms touch response time

Protective Skin Glass

USB 2.0 interface

Compact and portable design allows you to comfortably control your computer and present up to 30 feet away

Whether you're in the boardroom or in a meeting, you can quickly jot down notes – from mathematical formulas to flow charts. Easily markup Word documents, PowerPoint presentations, and highlight information with digital inks

Hand writing recognition Active area of 10" (diagonal)

A sleek addition to your setup—semi-translucent, black Plexiglas® and brushed aluminum

Scroll and navigate right from your keyboard with the TouchDisc™ touchpad.

Every stroke you make is comfortable, fluid, and whisper-quiet with the PerfectStroke™ key system, ideal for typing while you are in a conference call

You can quickly and easily adjust volume with the touch-sensitive volume slider.

Under the hood

1080p PTZ Camera

- Combines HD 1080p 30fps video with high-quality full-duplex speakerphone clarity for business-grade video conferencing.
- UVC H.264 onboard technology helps ensure quick plug-and-play functionality
- Works on virtually any desktop video conferencing and UC application – including Adobe Connect, Avaya, Cisco WebEx and other Cisco Video Conferencing applications, Citrix Go to Meeting, LifeSize Connections, FaceTime, Google Hangouts and Video Chat, Microsoft Lync and Office365, Vidyo, Skype.
- Quickly control your meetings with the remote – answer/end calls, set volume up/down, pan, tilt, zoom and mute.
- A 78-degree field of view and 180-degree remote-controlled video pan, tilt, zoom ensures each member of the small group is seen.
- The built-in, full duplex speakerphone and noise-cancelling microphone allow all meeting members to hear and be heard clearly up to 8 feet away from the base.
- Enjoy razor-sharp images from a glass lens designed with the help of an industry leader, Carl Zeiss®. Allows detailed documents, whiteboards, or visuals to be shared close up during calls.



60" Full Hd Multitouch Lcd Flat Panel

- 60-inch multi-touch screen with lightning fast response time
- Protective Skin Glass
- Multi touch capability compatible with Windows HID and TIOU standards
- Full HD 1080p resolution
- 600 Hz Sub Field Driving that eliminates motion blur
- Easy Picture Self-Calibration
- Intelligent Sensor for lighting and color conditions



Built-in speakers and microphone

- HD audio conferencing with built-in microphone and speakers.
- Advanced echo cancellation and noise reduction technology



Starboard interactive whiteboard software

- Use SBS for notes, brainstorming, training, gathering information and a wide range of other applications in business & education
- Share information with colleagues around the world in real time with the interactive conferencing feature.
- Seamlessly connect to your preferred online search engines, providing prompt information retrieval.
- Import frequently used documents, digital content, and motion video, enabling instant annotation.
- Drag and drop images instantly into StarBoard software.
- Instantly convert freehand notes into text with the text pen.
- Speech recognition

Under the hood

3rd Generation Ivy Bridge Intel i5 computer

- 3rd generation ivy bridge Intel i5 processor with vPro
- Multi display capability
- Tiny 1-liter package – vesa mounting option
- Intelligent Cooling Engine (ICE2) helps manage desktop acoustics and cooling
- Separate unit from the TV and can be easily upgraded Intel® Active Management Technology (AMT) that allows your IT personnel to access, diagnose, repair, manage and secure the desktops from remote locations
- Windows 7 Professional pre-installed



Options and Accessories”

- Discrete high quality wall mount kit
- Sturdy mobile cart with trays for input devices resulting in improved portability
- Service Contract
 - Advance hardware replacement
 - Remote tech support
 - Free software upgrades
 - 1,000 Vidtel MeetMe meeting minutes
- White Glove Delivery Service

Technical Specifications

VIDEO

Screen Size Class (diagonal)	60"
Resolution	Full HD 1080 (1920 x 1080p)
Dynamic Contrast Ratio	3,000,000:1
Refresh Rate	600Hz Sub Field Driving
Broadcasting System	ATSC/NTSC/Clear
Aspect Ratio	16:9
ISM (Image Sticking Minimization)	Orbiter/Color Wash
Aspect Ratio Correction	5 Modes (16:9/Just Scan/Set by Program/4:3/Cinema Zoom)
Picture Mode	7 Modes (Vivid/Standard/APS/Cinema/Game/ISF Expert 1/ISF Expert 2)
Professional Calibration	ISFccc Ready

AUDIO

Speakers	Mono/Stereo/Dual (MTS/SAP)
Decoder	Dolby Digital
Speaker System	1 Way 2 Speakers Audio Output (Watts – THD 10%) 10W + 10W On
Equalizer	Screen Equalizer
Sound Mode	5 Modes (Standard/Music/Cinema/Sport/Game)

TOUCH SCREEN

Touch Technology	Infrared
Touch Activation Force	No pressure required
Touch Resolution	32,767 × 32,767
Touch Response Time	7 – 13 ms
Surface	Protective Skin Glass
Interface	USB 2.0

DIMENSIONS / WEIGHT

TV without Stand (WxHxD)	54.6" x 32.2" x 2.1"
Shipping Dimensions (WxHxD)	60.8" x 37.4" x 11.2"
TV without Stand Weight	80.3 lbs
Shipping Weight	106.0 lbs

COMPUTER

Processor	Intel Core i5 3470T 2.90 GHz 3MB Cache 5 GT/s 64-bit
Standard RAM	4 GB DDR3–1600/PC3–12800
Maximum RAM	16 GB
Hard Drive	500 GB Serial ATA/300 5400 RPM
Graphics Controller	Intel HD Graphics 2500
Ethernet Technology	Gigabit Ethernet
Form Factor	Ultra Small
Dimensions (HxWxD)	1.4" x 7.1" x 7.2"
Weight	4.60 lb

CAMERA

Camera	Pan, tilt and zoom (PTZ)
Web Conferencing Application	Adobe Connect, Cisco WebEx, Citrix Go to Meeting, Google Hangouts & Chat, Microsoft Lync
Compatibility	Skype, LifeSize Softphone, Vidtel
Video Conferencing Application	
Compatibility	
USB Video Class (UVC)	Compliant
On-board encoding	H.264
Refresh Rate	30 frames per second
Resolution	3 MP, Full HD 1080p
Onboard Controls	Camera and speakerphone controls
Lense	Carl Zeiss Optics with 9 point auto focus
Viewing Angle	78-degree field of view
Motorized Movement	180-degree pan, 55-degree tilt

WIRELESS TABLET

Input Method	Electromagnetic induction
Wireless Connectivity	2.4G Hz RF (up to 30 ft)
Active Area Size	8" x 6"
Tracking Speed	120 points per second
Coordinate Resolution	2000 lpi
Function Button	16 buttons
Power Supply	Rechargeable via USB / AC adaptor
Battery	Lithium ion rechargeable battery, 16 hrs (continuous use)
Pen Battery	AAA battery x 1, Approx. 1,680 hrs Life
Dimensions	10.4"(W) x 10.9"(H) x 0.9"(D)
Weight	1.3 lbs.

UNIVERSAL ANDROID POWERED REMOTE CONTROL TABLET (PROGRAMMABLE)

LCD Size	7" Diagonal LCD Screen
LCD Resolution	1024 x 600
LCD Screen	64K Color
Touch Screen Technology	Capacitive
Battery Type	3000mAh Lithium–Polymer
Brands Supported	100+
Devices Supported	Most IR based
Operating System	Android

UNIVERSAL REMOTE CONTROL

Keypad	Full-sized standard 18 X 18 mm keys, 3.2 mm key travel, 60 g activation force
Keystroke Technology	Scissor switch technology
Touchpad	38 mm circular Touchpad with horizontal and vertical scrolling
Access Controls	17 one-touch access controls with instant backlit feedback
Volume Slider	57 mm touch-sensitive volume slider with instant backlit feedback
Wireless Connectivity	Bluetooth® Wireless Technology, version 2.0
Battery Type	Built-in rechargeable 950 mAh lithium ion battery
Material	Plexiglas panel with brushed aluminium palm rest
Dimensions	11 mm (H) X 410 mm (W) X 210 mm (D)
Weight	940 g

Technical Specifications

INTERFACE CONNECTIONS

Inputs	1xRF, 2xAV, 1xComponent, 3xHDMI, 1xRGB, 1xPC Audio, 1xRemote Control, 1xAudio Line
Outputs	Outputs 1xDigital Audio, 2xAnalog Headset Jack, 1xVGA, 1xeSATA, 1xDisplay Port
Ports	1xRJ-45, 3xUSB, 1xRS-232

POWER SUPPLY

Power Supply (Voltage, Hz)	100V ~ 240V, 50/60Hz
Smart Energy Savings	ENERGY STAR®

Software Specifications

OPERATING SYSTEM

Operating System	Genuine Windows 7 Professional
Operating System Architecture	64-bit

VIDEO CONFERENCING CODEC

Video Encoding	H.323, Compliant with ITU-T H.323v4, H.225v13, SIP compliant
Video Standards Compliance	H.261, H.263, H.263+, H.264
Video Resolutions	1080p, 720p, 4CIF, CIF, QCIF, SQCIF @ 30 fps max
Data Sharing	H.239 presentation up to 1280x768 (emulated in SIP with RFC-4796)
MCU	3 Port MCU for Multi Party Calling
Audio	G.711 μ -law, A-law G.722.1 Annex-C, Full duplex, Acoustic Echo Canceller, Audio Denoise Filter
NAT Support	Static NAT support and Multiple IP system support
Bandwidth	Support asymmetric input/output bandwidths, up to 2 Mbps RX + 2 Mbps TX
Networking Features	Automatic bandwidth control, Adaptive to network condition, Configurable DIFFSERV code
Security	Support for DTLS-SRTP Media Encryption for SIP
Call Recording	Playback and export in Windows Media Video (WMV) or Quicktime (MOV) format
Language Support	English, Italian, German, Spanish
Diagnostics	Real-time graphical statistics for quick problem diagnosis
Address Book	Address book with presence indication
Call List	Quick switch to All, Incoming, Outgoing, Missed

SOFTPHONE

Communication Protocol	Session Initiated Protocol (SIP) based signaling
Account Integration	Company directories, Microsoft Outlook®, XMPP, XCap or WebDav servers
Compression	High Compression codec support
Video Calling	Make voice and video conference calls
Call Recording	Record voice and video calls
QoS	Enjoy enhanced Quality of Service (QoS) for voice and video calls
Address Book	Manage, sort and filter up to 3,000 contacts
Instant Messages	Send instant messages to groups
Group Chat	Invite and chat with multiple people in one IM (Group Chat via XMPP)
Microsoft Outlook Synchronization	Make calls directly from Microsoft Outlook® emails and contacts

Voicemail

View missed calls and new voicemail notifications directly in Microsoft Outlook®

Security
Firewall Traversal

Security offering signaling & media encryption via TLS and SRTP
Firewall traversal and compliance with the latest standards (ICE, STUN, & TURN)

Directory Integration
Encryption

LDAP/Active Directory integration
Improved security options with SRTP media encryption

STARBOARD SOFTWARE

User Interface
Conference Feature
External Applications
Google™ Image Integration
Customizable Search Engines
Handwriting Recognition
Customizable Interface

Software tools are readily accessible through multiple menu options.
Collaborate and conference with colleagues around the globe.
Create toolbar shortcuts to popular software applications.
Drag and drop images instantly into StarBoard software.
Add up to 4 search engines directly into the software.
Instantly convert freehand notes into text with the text pen.
Customize your toolbar and screen layout to suit your needs.

What's In The Package?

- Full-HD 60-inch LED TV
- Infrared multi-touch screen overlay
- 3rd generation ivy bridge Intel i5 processor with vPro
- Full-HD 1080p PTZ CAMERA
- Magic jack
- Hitachi Starboard Software, Counterpath Bria 3, Lifesize Softphone
- Hitachi WT-1 wireless tablet and premium wireless keyboard



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Where to buy?

Clary Icon can be purchased directly from
Clary Business Machines by calling us at:

800-992-5279

More information at
www.claryicon.com





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