Communicate.
Collaborate.
Compute

clary.icon>
Large 60-inch flat panel multi-touch display
Audio conferencing with built-in microphone and speakers
Multi-touch digital interactive whiteboard with powerful Hitachi Starboard software and gesture support
Wireless tablet for remote sharing and additional level of interactivity
Wireless keyboard with trackpad for enhanced interactivity
Optional mobile cart with a convenient tray for input devices
Windows 7 Professional pre-installed powered by an Intel Core i5 computer
Simultaneous H.323, SIP, Skype and Google video conferencing
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.
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 Talk using the MeetMe bridging service.

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 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

Media and Entertainment
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 Clary Icon are the best in their respective categories.

NAT and Firewall Transversal
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.
Note: Clary Icon ships with only one Hitachi WT-1 wireless tablet.
It's as good as being there.
Clary Icon provides professional high definition visual communication in a cost-effective package. With so many video conferencing vendors and endpoints, it is critical to ensure compatibility with all of them. Clary Icon 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.

- **FECC Support**: Far End Camera Control (FECC) capability empowers all remote meeting participants
- **NAT and Firewall Transversal**: Convenient NAT and firewall transversal
- **1080p PTZ Camera**: 1080p PTZ camera featuring Carl Zeiss
- **Video Conferencing Software**: Avistar C3 Communicator with familiar IM buddy interface
- **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**: Detailed call statistics
- **Security**: Support for DTLS-SRTP media encryption for SIP
- **Audio/Video Quality**: Constant Clarity™ for high-quality audio and video over less than optimal Internet connections
- **Superior Contact Management**: Detailed call records and support for Polycom Global Address Book and LDAP; Active Directory and Local Address Book
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 SIP compliant VOIP services
- Advanced echo cancellation and noise reduction through 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 and LADP Support
- 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
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 webconferencing 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 spreadsheets 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 amongst two or more Clary Icons or compatible products.

- 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 GoToMeeting, LifeSize Connections, Microsoft Lync and Office365, Vidyo and Skype among many others
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.
No more run-of-the-mill meetings and presentations
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
Clary Icon comes with a wireless lightweight interactive tablet that works on 2.4GHz radio frequency. It is ideal for lessons and presentations with 16 easily accessible shortcut keys. The wireless tablet allows you to present from up to 30 feet away.

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

- Up to 200 fps sample rate
- 32,768 x 32,768 report resolution
- Recognizes fingers, stylus or gloved hands
- Supports 6 simultaneous touch points
- 2.5mm finger touch accuracy
- 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

www.claryicon.com
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 with 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 Plasma Screen
- 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.
- Long range (20+ ft.) 48KHz five unidirectional microphone array with advanced audio echo cancellation with 14db background noise reduction.
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 MeetMe meeting minutes
- White Glove Delivery Service
## Technical Specifications

### VIDEO
- **Screen Size Class (diagonal):** 60" 70" LED
- **Resolution:** Full HD 1080 (1920 x 1080p)
- **Dynamic Contrast Ratio:** 3,000,000:1 (4,000,000:1 for 70")
- **Refresh Rate:** 60Hz Sub Field Driving (120 Hz for 70")
- **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
- **Microphone:** Long range (20+ ft.) 48KHz five unidirectional microphone array with advanced audio echo cancellation

### TOUCH SCREEN
- **Sample Rate:** Report Up to 200 fps
- **Resolution:** Finger 32,768 x 32,768
- **Accuracy:** 2.5mm
- **Method:** Finger, stylus, gloved hand
- **Points:** 6 points IRT

### DIMENSIONS / WEIGHT
- **Dimensions with bezel (WxHxD):** 60" (55" x 32.88" x 3.25"), 70" (62.75" x 37" x 3.875"
- **Dimensions w/o bezel (WxH):** 60" (52.38" x 29.63"), 70" (60.63" x 34.31"
- **Weight:** 60" (95 lbs., 132 lbs. with accessories), 70" (112 lbs., 149 lbs. with accessories)

### 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)
- **Application Compatibility:** Adobe Connect, Cisco, Citrix Go to Meeting, Google Hangouts & Chat, Microsoft Lync, Skype, Video Conferencing Software, Vidyo, Vidtel
- **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
- **Lens:** 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.

### PREMIUM WIRELESS KEYBOARD
- **Keypad:** Full-sized standard 18 X 18 mm keys, 3.2 mm key travel, 60 g activation force
- **Keystroke Technology:** Scissor switch technology
- **Touchpad:** 36 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
- 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

### Software Specifications

#### OPERATING SYSTEM

**Operating System**
- Genuine Windows 7 Professional

**Operating System Architecture**
- 64-bit

#### VIDEO CONFERENCING SOFTWARE

**Protocols Used**
- H.323, SIP, LDAP/H.350, AES-Media encryption, H.460 Firewall Traversal
- 20kHz with G.719, 7kHz with G.722, G.722.1, 3.4kHz with G.711, G.728,
- Full Duplex Audio, Echo Cancellation, Automatic Gain Control (AGC),
- Automatic Noise Suppression (ANS), Voice over IP (VoIP)
- H.261, H.263, H.263+, H.264

**Video**
- Multiple Monitor Support — must be supported by PC video card
- Picture-In-Picture (PIP)
- HD, VGA (840x480), Half-VGA (320x480), CIF (352 x 288 pixels), SIF
- (352 x 240 pixels), QCIF (176 x 144 pixels), QVGA (160 x 120 pixels) —
- Native Web
- H.323 Annex Q far-end camera control

**Data**
- H.235 v3 AES encryption

**Security**
- Admin lock-down of configuration pages

**Cameras Supported**
- USB 2.0 Web Cameras: Microsoft®, HD-5000, Microsoft LifeCam
- Cinema™, LifeCam HD-8000, Logitech C100, Logitech® C210, Logitech
- C310, Logitech Webcam Pro 9000, Logitech Webcam C905.
What's In The Package?

- 60" touch screen monitor
- Mini Desktop computer with Windows 7 Professional
- HD PTZ Camera
- Wireless Keyboard
- Wireless Pen Tablet
- Interactive Whiteboard Software
- Video Conferencing Client
- Softphone
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