AVer™

TAIWAN EXCELLENCE 2011

HD Video Conferencing System

H series
Simply the Smart Choice

Exclusive Table Hub

One-Touch Recording

5M Snapshot Sharing

5M PTZ Camera

7X Optical Zoom

Content Sharing

H300

H100

Tokyo

Any H.323 supporting device

H100

Sydney

New York

Paris

Exclusive Table Hub Design
Simplify video conferencing with the Table Hub's easily accessible connections, embedded 10-Watt speaker and moveable, omnidirectional MIC.
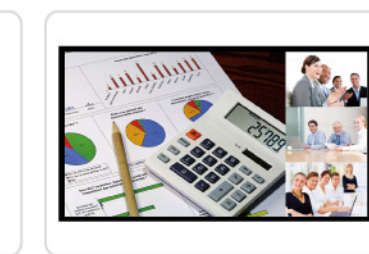
First-Class Camera Quality
Communicate as if you were in the same room with the impressively equipped 5-megapixel, pan-tilt-zoom camera with 7X optical zoom.

One-Touch Recording
Record live meetings directly to your USB flash drive with just the touch of a button.
(H300 Only)

5M Snapshot Sharing
Take a 5-megapixel snapshot on the spot and instantly present and share it with others in the meeting.
(H300 Only)

Industry-Leading 24-Month Warranty
Add 6 months to the H series' existing 18-month warranty by registering your product online and ensure that your H series runs flawlessly for two full years.

Video Conferencing That Meets Everyone's Needs

For Businesses

The H series video conferencing system provides businesses with a cost-effective means to establish real-time communication with branch offices, clients, or prospective clients.

Achieve Greater Efficiency
Small to medium-sized businesses utilizing the H series are likely to see a marked decrease in travel expenses, not to mention less time wasted on the road. With the content sharing feature, graphs, slideshows, images and documents can be shown to everyone in a matter of seconds, helping to eliminate the need for face-to-face meetings. Plus, integrating the H series into your office can translate into considerable increases in inter-office productivity for your company and improved relationships with clients and suppliers. Taking into consideration all of these great moneysaving/timesaving features, the H series is sure to help deliver a return on investment (ROI) that keeps your company's portfolio looking strong.

Strengthen Your Communication Options
The straightforward setup and ease of use of the H series will please even the most seasoned video conferencing veterans, let alone those new to video conferencing. With the H300, businesses can take advantage of the one-touch recording to a USB flash drive feature to keep 100% accurate accounts of every meeting conducted via the video conferencing system. The versatility of the competitively positioned H series makes it the ideal video conferencing solution for practically any office setting.

Go Green with the H series
You can rest assured that the H series, like all AVer products, has been designed to be environmentally friendly, using materials free of lead, mercury and cadmium among others. And, thanks to the H series' user-friendly setup and operation, business owners will be more inclined to engage in video conferencing on a regular basis, helping to reduce the company's carbon footprint and achieve great returns from an ecological standpoint. Of course, this is a great way for a company to increase its corporate image in an ever more environmentally conscious world.

For Schools

The H series video conferencing system presents schools with an innovative and affordable way to establish real-time communication between campuses or departments.

Embrace the Global Classroom
Grade schools and universities alike can utilize the H series to push the limits of distance learning, an increasingly viable method for educating a large selection of students. Presentations and lectures are no longer restricted to the physical boundaries of the classroom, when instructors implement the H series as a distance learning tool. The H series also affords schools the opportunity to connect with partner schools or extension campuses oceans away, letting them take virtual field trips to expose their students to peoples and cultures they otherwise would need to spend a fortune to see. And, the H series is the perfect tool for helping to realize education equity and close the achievement gap that exists between rural and urban schools around the world.

Go Beyond the Walls of Your Classroom or Office
The H series' benefits from a teaching and administrative standpoint cannot be overlooked. Administrators and department heads can make vast improvements to their operational efficiency by adopting the H series for inter-office communications. The H300's one-touch recording to a USB flash drive feature lets teachers easily capture entire lectures to be used for review purposes or in an online, 'e-learning' setting. The content sharing and snapshot features help teachers to enhance the quality and depth of any lesson, and the overall ease of use of the H series makes taking advantage of these features a walk in the park for practically any user.

Product Specifications (H series)

Camera
- 5-Megapixel CMOS camera
- 7X optical zoom
- PTZ function (±25° up/down; ±100° left/right)
- F = 3.325 ~ 3.675; fl = 6 ~ 60 mm
- 30 cm MOD
- 62° FOV

Display
- Supports NTSC / PAL / XGA (4:3 RGB) / HD720p (16:9 RGB)
- Supports single and dual monitor display
- Multiple layout styles
- User-friendly OSD (supports 20 languages: English, Traditional Chinese, Simplified Chinese, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese-Brazil, Russian, Spanish, Swedish, Thai)
- Display / edit site name

Communication
- H.323, SIP standard
- 128Kbps ~ 4Mbps
- 1xRJ-45 network LAN (10/100Mbps)
- Manual bandwidth settings

Other ITU-Supported Standards
- H.224 / H.281 far-site camera control
- H.225, H.245
- H.323 Annex Q far-site camera control
- H.239 Dual stream / content sharing
- H.460 NAT / firewall traversal

Video Feature
- Video conferencing resolution:
  - QSIF (176x120), QCIF (176x144)
  - SIF (352x240), CIF (352x288)
  - 4SIF (704x480), 4CIF (704x576)
  - HD720p (1280x720)
- Content sharing resolution:
  - VGA (640x480)
  - SVGA (800x600)
  - XGA (1024x768)
  - SXGA (1280x1024)
- Supports rate control mechanism
- Supports H.239 content stream shared from local or remote side

Video Standard
- H.264, H.263, H.263+, H.261
- H.239 dual video streams

Video Input
- PTZ camera input
- Composite video (RCA) input
- S-video input
- VGA input (for dual stream content)

Video Output
- VGA output X 2
- Composite video (RCA) output
- S-video output

Audio Feature
- Echo cancellation
- Auto Gain Control (AGC)
- Noise suppression

Audio Standard
- G.711, G.722, G.722.1, G.728, G.722.1C

Audio Input
- Audio input (3.5 mm)

Audio Output
- Audio output (3.5 mm)

Web Management Tool
- Remote management through the Internet
- Live monitoring function from the Internet
- Remote control app on iOS & Android
- Phonebook download / upload / edit
- Firmware update via Ethernet / Internet
- Save system settings

Security
- Restricted access to Webtool and system settings
- AES (Advanced Encryption Standard) function

Other Features
- Embedded 10W speaker
- Firmware update via Ethernet or USB flash drive
- Screensaver and Auto Power Off mode

Environment
- Operation Temperature: 0°C ~ 40°C
- Operation Humidity: 20% ~ 80%
- Storage Temperature: -20°C ~ 60 °C
- Storage Humidity: 20% ~ 80%

Dimensions and Weight
- Package: 8.9Kg (19.58 lbs)
- Main System: 320 x 259.6 x 27 mm
- Camera: 160 x 141 x 89.5 mm
- Table Hub: 205 x 183 x 65 mm
- Microphone: 75 x 75 x 60 mm

Power Supply
- AC 100V to 240V, 50/60 Hz
- Consumption: DC19V, 3.42A

Warranty
- 2-Year parts and labor (return to factory)

Package Content
- Main System unit
- HD PTZ camera
- Table Hub
- Microphone (omnidirectional)
- IR remote control (w/ batteries)
- Manual CD
- L-bracket (camera stand)
- VGA cable
- RCA cable
- Phone to RCA cable
- S-video cable
- 26-pin D-Sub cable x 2 (Table Hub and camera cable)
- RJ-45 cable
- 6P4C cable (3 meters)
- Power adapter
- Power cord

Product Specifications (H300 only)

Multi-Site Feature
- H.323, SIP standard
- MCU up to 4 sites
- Content sharing capability from all sites

Meeting Recording
- Record & save meetings directly to a USB flash drive
- Support screen re-layout during playback

Snapshot Sharing
- Capture 5M images for live sharing
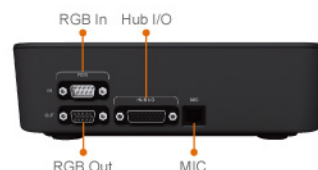- Zoom (2X) / pan the captured image

Software

VCPlayer System Requirements
- Intel® Pentium® 4 or AMD Athlon® XP or higher processor; 2.4GHz Pentium® 4 or Intel Core 2 Duo or above
- Windows® XP (SP2) or later
- 512MB RAM or above
- 50MB of available hard-disk space

VCLink System Requirements
- VCLink Android : Android 1.5 or above
- VCLink iPhone : iOS 4.2.1 and iPhone 3Gs or above

Hardware Specifications

USB Flash Drive Port | Network Status | Power

Composite Out | Audio Out | Composite In | Audio In | NTSC/PAL Switch

LAN | S-Video Out | Hub I/O | RGB Output | S-Video In | Camera | DC 19V

Quick Presentation | Vol +/- | Layout

RGB In | Hub I/O | RGB Out | MIC

Distributor/Dealer:

CE FC RoHS COMPLIANT

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