

Grandstream Announces Advanced H.264 IP Video Phone



New video phone powered by programmable Texas Instruments DSPs delivers crisper images and improved customer experience.

Internet Telephony Conference Spring 2006, Ft. Lauderdale, FL—January 25, 2006—Grandstream Networks today announced the new GXV-3000, a next generation advanced IP video phone based on SIP standard. GXV-3000 features the latest H.264 real-time video codec with blazing performance, an advanced high resolution camera sensor, and a razor thin 5.6-inch TFT color LCD with stunning picture quality. GXV-3000 is optimized for evolving video and imaging standards by Texas Instruments' TMS320DM643™ digital media processor that delivers more performance, spurs faster frame rates and higher resolutions and supplies real-time streaming video with advanced audio and video quality.

“GXV-3000 IP video phone is the most exciting IP video product Grandstream has developed since the company’s inception, and it is the first of a series of significant video-over-IP offerings the market will see from Grandstream in the future,” said David Li, chief executive officer, Grandstream. “Grandstream pioneered the high quality and affordable voice-over-IP endpoint device market when it introduced its innovative and popular SIP phone and ATA products in 2003. With this significant product release, we are again leaping ahead of competition in video-over-IP products to enable high quality and affordable personal video communications over public Internet.”

GXV-3000 brings unrivaled sharp picture quality, compelling functionality richness, stylish exterior design, intuitive user friendliness and unprecedented affordability to personal video communications over the Internet. It supports the latest H.264 international real-time video codec standard (base profile) with QVGA or CIF resolution, up to 30 fps frame rate, and at bit rates between

64Kbps and 1Mbps. This makes commercial quality, personal video conferencing practical for all broadband users, even those who have access to only modest bandwidth.

"Increasing demands for high-quality digital video, more options at lower system cost and an ever increasing number of formats are driving an evolution in the video IP phone market," says Danny Petkevich, C6000 platform product manager, TI. "Grandstream Networks is a market leader in IP phones and we are excited to see that they are entering this emerging market. GXV-3000 is leveraging the programmability of TI's TMS320DM643, a high-performance digital media processor with two configurable video ports to support multiple video formats, to ensure that the designs of their video phones can be painlessly upgraded with expanded functionality."

GXV-3000 features an adjustable advanced VGA resolution camera sensor (with 1-touch ON/OFF switch for privacy control), a 5.6-inch TFT color LCD (2-dimensionally rotatable to allow nearly all viewing angles), 5 navigation keys, 3 line indicators (each of which supports independent SIP account), visual voice/video message indicator, hands-free speakerphone with advanced acoustic echo cancellation, dual 10M/100M Ethernet ports (switch or router mode configurable), 2 USB ports, 2.5mm headset jack, and RCA style audio/video output jack to allow simultaneous video output to TV. In addition, it also supports video call Hold/Transfer/Forward, 3-way conference, audio mute and camera block, video phone book, mirror camera, picture-in-picture, 4xzoom (2xoptical plus 2xdigital), on-screen-display, auto focus and auto exposure, anti-flickering, video capture & save, configurable screen-saver pictures, downloadable music ring tones, and intuitive graphic user interface.

Pricing & Availability

GXV-3000 will be available for purchase at a suggested retail price of **US\$295**. Grandstream expects to start volume shipment of GXV-3000 in March 2006. The GXV-3000 package will include a universal switching power supply and a 6 ft. Ethernet cable.

About Grandstream Networks

Grandstream Networks is a leading designer and manufacturer of innovative and highly affordable IP multimedia (voice/video-over-IP) devices for broadband networks. Built upon unique and proprietary technology, Grandstream's products deliver market leading superb voice and video quality, rich functionalities, high level compliance with industry standards, and most importantly, ultra-affordability and extraordinary values to consumer and corporate users. Grandstream

Networks is a private company located in Massachusetts with offices in Los Angeles, Dallas and Shenzhen, China.

About TI

Texas Instruments Incorporated provides innovative DSP and analog technologies to meet our customers' real-world signal processing requirements. In addition to Semiconductors, the company's businesses include Sensors & Controls, and Educational & Productivity Solutions. TI is headquartered in Dallas, Texas, and has manufacturing, design or sales operations in more than 25 countries.

Texas Instruments is traded on the New York Stock Exchange under the symbol TXN. More information is located on the World Wide Web at www.ti.com.

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