

Product Brief

D.A/V.I.D.™ D3000

Dedicated Audio/Video Information Device



For the highest quality audio and video experience in a modern and easy-to-use appliance, the D.A/V.I.D.™ D3000 (D3000) from directPacket Research provides uncompromising quality and functionality for your secure audio/video communications. The D3000 combines both high-definition video and content sharing for native protocols including SIP, H.323, and Microsoft Lync/Skype for Business in a seamless, scalable solution that meets your audio/video conferencing needs.

The D3000 is optimized for high-definition video and content sharing using the Microsoft Lync client for a flawless transition between desktop video and meeting room environments.

The D3000 features the Conference Microphone Speaker (CMS), a high fidelity single-purpose device that offers high-quality audio during video and audio calls—without the need for or additional expense of dedicated microphones and speakers.

Unlike other current Lync-based VC product offerings, the D3000 is equipped with a high-definition pan/tilt/zoom camera that provides crisp, seamless, ultra-fine detail and a smoothly delivered video experience regardless of graphic or video demands.

The D3000 offers unparalleled usability with a 10-inch 10-point capacitive touch screen control panel and voice command control for ease of use—especially in critical market applications that demand hands-free operation.

The D3000 can easily be integrated with your current infrastructure or it can become your entry into the directPacket solutions environment with the integrated and patented Secure Traversal Navigation System (STNS)™ Technology. STNS leverages the full benefits of the Secure Internet Protocol Communications Platform (IPC)™ which includes Secure Endpoint Management (SEM)™. This technology from directPacket Research works together to provide your organization with a secure single-port firewall traversal solution.

The D.A/V.I.D. D3000 from directPacket Research delivers an optimized high-performance audio/video conferencing solution for huddle rooms, conference rooms and cart systems without compromising quality, functionality, and usability.

D.A/V.I.D.™ D3000 Feature Summary

Purpose-Built Solution

- 10-inch 10-point capacitive touch screen
- Interactive voice control lets users configure and control the D3000 via voice commands or touch screen
- Compact design to aid ease of use and help grow adoption

Advanced Solutions Set

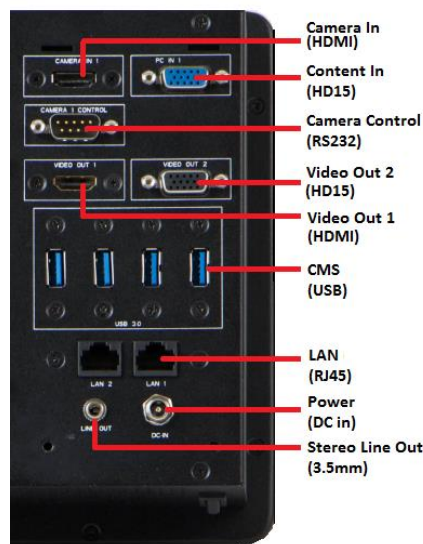
- Standards-based H.323 and SIP
- Supports Microsoft Lync/Skype for Business; optimized for HD
- Integrated VoIP capabilities to act as speaker phone

Class-Leading Value

- Full HD 1080p video and content sharing
- Easily add audio and video capabilities to huddle rooms, conference rooms, and carts



PRODUCT SPECIFICATIONS



System Components

- directPacket D.A/V.I.D. Solution with Touchpanel and integrated Codec
- directPacket Conference Microphone Speaker (CMS)
- directPacket Camera 18x
- Power Supply
- Cable Package

Native Support

- H.323, SIP Protocols

3rd Party Application Support

- Microsoft Lync/Skype for Business; optimized for HD
- Custom Solutions Available

Control Options

- Integrated Voice Command Recognition
- 10-inch 10-pt Capacitive Touchscreen
- 1x DB9 for Camera Control (RS232)

Video Input

- 1 x HDMI
- 1 X HD15

Video Output

- 1 x HDMI
- 1 x HD15

Video Standards/Protocols

- H.263, H.263+, H.264, H.264 High Profile
- H.224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.243, H.460.18.19, BFCP, AES, STNS

Bandwidth Requirements

- 720p30 = 768 kbps
- 720p60 = 1152 kbps
- 1080p30 = 1472 kbps
- 1080p60 = 2560 kbps

Other Interfaces

- 4 x USB 3.0

High Definition PTZ Camera

- Up to 1080p60
- 55.2° Horizontal; 42.1° Vertical FOV
- 18x Optical Zoom
- Motorized +90°/-30° Tilt, 340° Pan
- F 1.8 - 2.8
- Focus Distance: 4.7 - 84.6 mm
- Upside-down Mounting
- 8-Pin Mini-DIN for RS232 I/O

Audio Standards

- G.711, G.722
- G.729 and AAC-LD Optional

Audio Input/Output

- directPacket Conference Microphone Speaker (CMS)
- 1 x 3.5 mm Stereo Line-Out
- Support for External USB Audio Processing

Conference Microphone Speaker (CMS) Features

- VoIP Audio Endpoint
- Auto Gain Control
- Echo Cancellation/2 Echo Cancellers
- Active Lip Synchronization

Chassis Features

- Purpose-built Chassis containing Codec and Touchscreen
- Whisper Quiet Fan

Network

- 2 x 10/100/1000 Ethernet (RJ-45)
- IPv4 and IPv6 Support
- Reconfigurable MTU Size

Firewall Traversal Technology

- directPacket Patented STNS™ Technology
- NAT/Firewall Traversal with H.460.18/19 for H.323; STUN for SIP

Security

- Admin and User Level Passwords
- Management with HTTP(S)
- Media Encryption (H.323/SIP): AES-128/256
- PKI/Certificate Management: SSL 3.0, TLS 1.0, 1.1, 1.2
- Ability to Disable HTTP, SSH
- TLS/SRTP Support
- IEEE 802.1x Support

System Management

- directPacket Patented STNS™ Technology
- directPacket Patented Secure Endpoint Management (SEM)™
- SNMP

Physical Characteristics

- 5.5" high without stand; 10" with stand
- 10.25" wide; 5" deep with IO cover
- 6.5 pounds
- Camera: 9.5" long; 5.75" deep; 6.5" high
- CMS: 6.5" from Point to Point (Long Edge)

Power

- Camera: AC Voltage 100-240V, 50-60Hz, 2A via External Power Supply
- Codec: AC Voltage 100-240V, 50-60Hz, 10A via External Power Supply
- Auto-Sensing Power Supply

Environmental Specification

- Operating Temperature: 0°C to 40°C
- Operating Humidity: 15% to 85% RH (non-condensing)
- Storage Temperature: -20°C to 60°C
- Storage Humidity: 10% to 90% RH (non-condensing)

Warranty

- One Year Return to Factory Parts and Labor

directPacket Research, Inc. develops and markets secure and interoperable solutions for IP voice and video communication. Our technology leading infrastructure products deliver feature rich solutions designed to operate in single and multi-vendor environments. A dedication to network room compatibility provides our customers the greatest protection from obsolescence, unsurpassed flexibility, and a low total solution cost.



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