

Nextiva

HDR 1800 High-Definition Receivers Featuring H.264 Technology



Nextiva® HDR™ 1800 video decoder/receivers combine excellent performance, high-definition technology, and H.264 video decompression to enhance the functionality and versatility of Nextiva Virtual Matrix implementations.

Enhancing Situational Awareness and Effective Response

The HDR 1800 is ideal for video surveillance applications that call for high-definition video to be displayed at multiple locations for building situational awareness and a coordinated response. With the HDR 1800, you can display 1 to 16 high-resolution video tiles on a single high definition digital wide-screen monitor, or a total of 18 video tiles on two monitors. Compatible with today's advanced video technologies, the versatile HDR 1800 offers the flexibility to decode compression formats from H.264 to MPEG-4 to MJPEG and use a wide range of monitors including DVI, VGA, and traditional CCTV monitors.

The Power of Nextiva Integration

The HDR 1800's unique embedded design helps to reduce maintenance costs, improve reliability, and simplify usability. It is also fully integrated with Nextiva Virtual Matrix software, which routes video to computers, video walls, and monitors across local and wide area networks (LANs/WANs). With Virtual Matrix and the HDR 1800, authorized personnel can view live and recorded high-definition video on digital monitors, create custom video walls, control PTZ cameras, assign cameras to monitors on demand, and replay alarm-based video at multiple locations simultaneously.

The HDR 1800 is also fully integrated with Nextiva Video Management software and Nextiva intelligent edge devices, including our state-of-the-art S1800e encoders and S5000 high-definition IP cameras with H.264 video compression technology.

Energy Efficient and Environmentally Friendly

The compact HDR 1800 has a 1U metal enclosure and is supplied with an external power supply for reduced energy consumption. This powerful high-definition receiver is also certified compliant with RoHS, FCC, CE, and other widely accepted safety and environmental standards and directives.

Delivering the Benefits of IP Video Technology

Verint® is at the forefront of networked video technology, with nearly two decades of experience providing security intelligence solutions to government and industry worldwide. With the HDR 1800, Verint provides a powerful solution built on the latest video technologies, integrated with the industry's broadest video portfolio, and designed to deliver the benefits of IP video technology without discarding legacy video investments.

At A Glance:

- High-definition video decoder/receiver for use with Nextiva Virtual Matrix
- Supports video walls and virtually all types of monitors, including analog, LCD and plasma HDTV
- Displays up to 18 video tiles on two monitors
- An embedded design for high reliability and low maintenance costs
- CCTV keyboard interfaces
- Compatible with Nextiva portfolio, including Nextiva encoders and high-definition IP cameras with H.264 technology
- Compact, energy efficient, and environmentally friendly



VIDEO INTELLIGENCE SOLUTIONS™

Technical Specifications

Video	
• Outputs/Connectors	1 x DVI connector – Digital DVI-D 1 x VGA connector – RGB 1 x BNC connector – Composite (NTSC/PAL)
• Monitor Configuration	DVI + RGB (VGA) DVI + Composite (BNC) DVI only RGB (VGA) only Composite (BNC) only
• Tiles	Maximum of 18 tiles on 2 monitors Tiles display options: 1x1, 2x2, 3x2, 3x3, 4x4
• Monitor Resolution	DVI: Up to 1920x1200 RGB (VGA): Up to 1920x1200 Composite (BNC): 480/576 lines (NTSC/PAL)
• Compression/Performances	H.264 MP: 6 x 4CIF@30fps or 1 x 1920x1080@30fps MPEG4 SP: 8 x 4CIF@30fps, 3000kbps or 16 x CIF@30fps, 800kbps
• VM Keyboard	Supports many PTZ keyboards models, within Nextiva Virtual Matrix solution
Network / Storage / OS	
• Interface	2 x RJ-45, Ethernet 10/100/1000 Base-T
• Protocols	TCP/IP, UDP/IP, RTSP/RTP, IGMP, FTP, APIPA
• Security	Nextiva authentication
• OS	Embedded OS, firmware upgrades through Nextiva Control Center
IO Ports	
• Audio	1x Line Out, 1/8in (3.5mm) Stereo jack
• USB	4x USB 2.0 ports
• RS-232	1 x RS-232 Serial port to connect Virtual Matrix/PTZ Keyboards
• RS-422	1 x RS-422 Serial port to connect Virtual Matrix/PTZ Keyboards
Power	
• Input Voltage	19V DC +/-5%, terminal block, power supply included
• Power Consumption	Typical 20W, max. 30W
Physical	
• Dimensions	11W x 7.5D x 1.7H in. (280W x 190D x 44H mm)
• Weight	4.2lb (1.91Kg)
• Temperature	Operating: 32 to 122°F (0 to 40°C), Storage: -22 to 140°F (-30°C to 60°C)
• Humidity	0 to 95% relative, non-condensing at 104°F (40°C)
• Mounting Options	Rack Mount Kit (included) and Wall/Table Mount Kit (included)
Management	
• Configuration and Firmware Upgrade	Supported through Verint Nextiva Control Center
Certification and Regulation	
• USA	RoHS compliant FCC Part 15 (Subpart B, Class A)
• Canada	ICES-003/NMB-003 Class A
• Europe	CE marking (EN55022, EN55024)
Models	
• NEX-HDR1800	High-definition receiver (video), dual display support, DVI+VGA or DVI+TV out. For Nextiva Virtual Matrix solution. Power supply, Rack Mount and Wall Mount kits included.

About Verint Video Intelligence Solutions

Verint® Video Intelligence Solutions™ is a worldwide leader in networked video, a “single source” for virtually every facet of video surveillance operations: from cameras, encoders, and intelligent DVRs to video management, viewing, and analytics software.

Verint. Powering Actionable Intelligence.®

Verint® Systems Inc. is a global leader in Actionable Intelligence® solutions and value-added services. More than 10,000 organizations in over 150 countries use our work-force optimization and security intelligence solutions to improve enterprise performance and make the world a safer place. For more information, visit www.verint.com.



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