Overview

The following document outlines the recommended switches to use with NetworkHD products to ensure proper operation of the system. These switches have been tested and verified by WyreStorm for seamless NetworkHD operation. WyreStorm cannot guarantee the performance of a switch that is not listed below.

Supported Products/Firmware/Software

The following products and firmware versions are supported by this version of the document. Firmware versions listed are the minimum supported at time of publication, firmware may be higher except where otherwise noted.

Product	Firmware Version
NetworkHD 100 Series	All
NetworkHD 200 Series	All
NetworkHD 400 Series	All
NetworkHD 600 Series	All

Switch Recommendations

Switch Brand/Model	Video Wall	Single Switch	Multi-Switch
NetworkHD 100 | 200 | 400 Series			
Cisco SG300-10/28/52 [P, MPP]	✓	✓	✓
Cisco SG350-10/28 [P, MPP]	✓	✓	✓
Cisco SG350X-24/48 [P, MPP]	✓	✓	✓
Cisco SG550X-24/48 [P, MPP]	✓	✓	✓
Draytek VIGORSWITCH P2261		✓	
Draytek VIGORSWITCH G1260		✓	
Draytek VIGORSWITCH G2260		✓	
Netgear GS728/752TPv2	✓	✓	✓
Netgear S3300-28X-PoE+	✓	✓	✓
Niveo NGSME8H		✓	
Niveo NGSM8TP		✓	
Niveo NGSM24/48T2/24T2-AV		✓	
Niveo NGSME16/24/48T2H/24T2H-AV		✓	
Niveo NGSME24G4S		✓	
Pakedge SX-8/16/24P		✓	
Pakedge S3-24P	✓	✓	✓
Pakedge S3L-24P	✓	✓	✓

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Switch Brand/Model	Video Wall	Single Switch	Multi-Switch
NetworkHD 100 | 200 | 400 Series			
Ruckus ICX 7150-48/48P/48PF/48ZP	✓	✓	
Ruckus ICX 7150-24/24P	✓	✓	
Ruckus ICX 7250-48/48P	✓	✓	
Ruckus ICX 7250-24/24P	✓	✓	
Ruckus ICX 7650-48P/48ZP	✓	✓	
Ubiquiti EdgeSwitch 24/48	✓	✓	
Zyxel XGS2210-28/52HP	✓	✓	✓
Zyxel XGS3700-24/48HP	✓	✓	✓
NetworkHD 600 Series			
Netgear XS708E	✓	✓	✓
Netgear XS708/712/716T	✓	✓	✓
Netgear M4300-24/48/96X	✓	✓	✓
Ruckus ICX 7650-48P/48ZP	✓	✓	
Ruckus ICX 7750-48C	✓	✓	
Zyxel XS1920-12	✓	✓	
Zxyel XGS3800-28	✓	✓	

Unapproved Switches

The following switches have been flagged as unapproved for use with NetworkHD components. These switches either do not meet the minimum configuration requirements to allow a NetworkHD system to operate or have performance issues and are deemed unapproved for use.

Switch Brand/Model	Reason
NetworkHD 100 | 200 | 400 Series	
Luxul AMS-2624P	Does not meet performance requirements.
Luxul AMS-4424P	Does not meet performance requirements.
Luxul XMS-5248P	Does not meet performance requirements.
Luxul XMS-7048P	Does not meet performance requirements.
Ubiquiti Unifi 16	Does not meet configuration requirements.
Ubiquiti Unifi 24	Does not meet configuration requirements.
Ubiquiti Unifi 48	Does not meet configuration requirements.

Contacting Technical Support

Should further clarification of the content in this document or assistance on troubleshooting be required, please contact WyreStorm technical support.

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Contact Request: http://wyrestorm.com/contact-tech-support

Document Revision History

V1.7- February 2020	
Switch Recommendations	Added: Netgear Models: XS728TPv2, XS752TPv2, S3300-28X-PoE+ Zyxel XGS3800-28
V1.6- January 2020	
Switch Recommendations	Added: Ruckus Models: ICX 7150-48/48P/48PF/48ZP, ICX 7150-24/24P, ICX 7250-48/48P, ICX 7250-24/24P, ICX 7650-48P/48ZP, ICX 7750-48C
V1.5– November 2019	
Unapproved Switches	Added section to list unapproved switches
V1.4– June 2019	
All	Document reformat for clearer understanding of the content
Switch Recommendations	Added: Zyxel Models: XGS2210-28HP, XGS2210-52HP Luxul Models: AMS-2624P Zyxel Models: XS1930-12
v1.3 | June 2018	
All	Corrected formatting issues causing title to be incorrect
v1.2 | April 2018	
Various	Added switches to support NHD-600 and other models NHD-600 switches: - Netgear XS708E,708T, 712T & 716T, M4300-24X/48X/96X - Ruckus ICX 7750C NHD-100~400 - Luxul XMS-5248P, 7048P - Pakedge S3-24P, S3L-24P - Ubiquiti EdgeSwitch 48
v1.1 | March 2017	
All	Reformatted to new layout
Bandwidth Calculation	Add NHD-400