BLUSTREAM
MULTICAST

1GbE APPROVED SWITCH GUIDE

The Blustream IP50HD, IP200UHD, and IP250UHD Multicast Video over IP system is not necessarily limited to working with one specific brand or model of switch, but can be used with many different network switch brands on the market. Blustream have tested and approved the below range of differing models / brands of switches for dedicated single-switch Video over IP systems. Whilst this list is not exhaustive, and does not discount using other brands or models of switch, the list of switches below are "recommended" by Blustream and as such our Technical Support should be able to assist with queries regarding the below models.

Please note: the Blustream IP500UHD & IP510UHD series use SDVoE technology which requires a 10Gb Network infrastructure, therefore the below 1Gb solutions will not allow for video to be distributed. At the point where this document was updated, the IP300UHD & IP350UHD product have not yet been tested across the below switch variations.

Should the system require multiple switches to be linked or stacked, either because of total port density, or due to excessive link distance, please contact a member of the Blustream Technical Support team during the specification of your system for guidance. There are only a limited number of switches below that can be stacked successfully.

TESTED & APPROVED 1GB SWITCHES	
Araknis	AN-210, AN-310 Series
Cisco	CBS 350 & 550 Series, SG300, SG350, SG500, SG550
DLink	DGS-1510 Series
Luxul	AMS-4424P, AMS-2616P, AMS-1208P
Netgear	M4250, M4300 AV Line Series (minimal configuration required)
Pakedge	SX-24P
TP-Link	TL-SG2428P, T1600G Series
Ubiquiti	EdgeSwitch ES Series
ZyXEL	GS1920-V2 Series

although Blustream have tested the suitability of the switches listed above, we cannot guarantee that changes to switch firmware, or custom configurations of these products will not adversely affect the Multicast products performance

If selecting a switch not specifically listed above, the following features are required for the Multicast system to work seamlessly within a single switch system: **L3 (recommended); 1GbE Managed; Multicasting capabilities; IGMP Snooping / IGMP Querier; Immediate / Fast Leave; QoS (Quality of Service); Jumbo Frames / Jumbo Packets / MTU**

PoE may also be required from the switch to provide power to the Multicast products. PSU's are not supplied as standard with Blustream Multicast units. Details of the required set-up and configuration of the above noted switches are available to download from the Blustream website. Alternatively, please contact a member of the Blustream Technical Support team for your territory on:

APAC: support@blustream.com.au   US: support@blustream-us.com   EMEA: support@blustream.co.uk