BLUSTREAM

1GbE APPROVED NETWORK SWITCH OVERVIEW

The Blustream IP50HD, IP200UHD, and IP250UHD, IP300UHD and IP350UHD video over IP systems are not necessarily limited to working with one specific brand or model of switch, but can be used with many different network switch brands available 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 the 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.

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-220, AN-310, AN-320, AN-620, AN-920 Series
Cisco	CBS350, CBS550, SG300, SG350, SG500, SG550
DLink	DGS-1510 Series
Luxul	AMS-4424P, AMS-2616P, AMS-1208P
Netgear	M4250, M4300, M4350, M4500 - AV Line Series
Pakedge	SX-24P
TP-Link	TL-SG2428P, T1600G Series
Ubiquiti	EdgeSwitch ES Series, UniFi Pro

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 video over IP products performance

Please note: the ZyXEL GS1920 switch series has recently been removed from the list of approved switches based on a recommendation from ZyXEL directly.

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: **L2/L3; 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 video over IP products. PSU's are not supplied as standard with Blustream video over IP 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