



Speco Blue Enterprise Servers Built to Host and Manage Speco Blue Devices

SB301

Desktop Server that supports up to 256 channels

SB311

Rack-mountable Server
that supports up to 512 channels

SB321

Rack-mountable Server
that supports up to 1000 channels

Product Summary

The Speco Blue Enterprise management servers are designed to meet the requirements for any application, big or small, with their robust performance, scalability, and feature rich platform.

Features

- Comes pre-installed with Speco Blue Enterprise VMS
- Supports all Speco Blue Recorders and IP Cameras
- Can be connected to and configured remotely via Speco Blue Enterprise Client software.



SB301



SB311



SB321



Model

Servers

System		SB301	SB311	SB321
Video & Audio	Video Output	HDMI1: 3840x2160@60, 3840x2160@30, 1920x1080 HDMI2: 3840x2160@60, 1920x1080	VGAx1: 1920*1080 (VGA & HDMI output the same video source) HDMI1: 3840x2160@60, 3840x2160@30, 1920x1080 HDMI2: 3840x2160@60, 3840x2160@30, 1920x1080 HDMI3: 3840x2160@60, 3840x2160@30, 1920x1080 HDMI4: 1920x1080	
	Video Compression	H.264/H.265/H.265+/H.265S		
	Software	Speco Blue VMS Enterprise		
	Protocols	Speco Blue Protocol, QR Code, ONVIF, RTSP		
	Audio Output	1CH audio output Supports HDMI1 audio output	1CH audio output (MONO Out) Supports HDMI1 audio output	
	Audio Compression	G.711 (U/A)		
Live View	Max. number of preview	72 (36+36)	84 (36+16+16+16)	104 (36+36+16+16)
	Max. Resolution	16MP		
	Decoding Capability	1 × 16MP or 4 × 8MP or 9 × 4MP (only available for main output)	1 × 16MP or 4 × 12MP or 6 × 8MP (only available for main output)	



SB301 / SB311 / SB321

Playback	Simultaneous Playback	16CH		
	Decoding Capability	1 × 16MP or 4 × 8MP or 9 × 4MP (only available for main output)	1 × 16MP or 4 × 12MP or 6 × 8MP (only available for main output)	
	Max. Playback Resolution	16MP		
Performance	Users	6 online users and 64 total users	64 online users and 64 total users	
	Max. Number of Channel Access	256CH	512CH	1000CH
	Max. Number of Device Access	64 devices	256 devices	
	Max. Number of Decoding Output		16	64
	Max. channels of Recording per Server	32	64	128
	Max. Channel Number of Simultaneous Preview	256 (for one client/user)		
	Max. Channel Number of Simultaneous Playback	16 (for one client/user)		
	Max. Number of Custom Views	Up to 64		
	Max. Number of Channel Access of Single Transfer Service	256	512	1000
	Max. Number of Device Access of Single Transfer Service	64	256	256
	Incoming Bandwidth	512 Mbps	640 Mbps	768 Mbps
	Outgoing Bandwidth	128 Mbps	256 Mbps	
	Storage Bandwidth	256 Mbps	384 Mbps	512 Mbps
	Face Database	Maximum of 10,000 face pictures can be registered 30 pictures/second	Maximum of 30,000 face pictures can be registered 30 pictures/second	Maximum of 50,000 face pictures can be registered 30 pictures/second
	Vehicle Database	Maximum of 10,000 license plates can be registered 25 pictures/second		
	Fisheye Camera Access	Supports 1CH fisheye camera to set fisheye mode		
	Number of TV Wall	N/A	Maximum 16 TV walls can be created	
	TV Wall Plan per TV Wall	N/A	Maximum 64 custom views can be set for each TV wall	
External Interfaces	Ethernet Interface	2 × RJ45 10M/100M/1000M self-adaptive Ethernet ports		
	Storage	SATA 3.0 ×1, up to 10TB per HDD.	SATA 3.0 ×8, up to 10TB per HDD.	
	RAID	N/A	RAID 0, 1, 5, 6, 10	RAID 0, 1, 5, 6, 10
	E-SATA	N/A	E-SATA ×2	E-SATA ×2
	Alarm	N/A	16CH alarm input, 4CH alarm output	16CH alarm input, 8CH alarm output
	USB	USB 3.0 ×1, USB 2.0 ×2		USB 3.0 ×1, USB 2.0 ×3
Other	Power	DC 12V3A	ATX 200W	Redundant power supply, AC100V - 240V
	Power Consumption	≤ 36W	<50 W (without HDD)	<50 W (without HDD)
	Working Temperature	14°F to 122°F		
	Relative Humidity	10%–90%		
	Dimensions	11.8in x 9.8in x 1.8 in (W x H x D)	17.5 x 17.2 x 3.5 in (W x H x D)	22.05 × 17.21 × 3.46 in (W x H x D)



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