





CathexisVision[®]

Cube IP Video Servers



- **Fully integrated with CathexisVision VMS**
Designed as the perfect compliment to the extensive capabilities of the CathexisVision software suite
- **High Performance Database**
The disk spanning capabilities of our Advanced Database supports up to 600Mbps recording throughput
- **Enterprise Class Storage up to 12TB**
Server-grade Hard Drives in removable hotswap caddies accessible from the front panel for ease of maintenance
- **Ultra Durable Industrial Motherboards**
High ESD and High Temperature protection provided by long life components
- **Compact Desktop Chassis**
Very compact NAS style design enables installation in a wide range of office environments
- **Server-grade PSU's**
Energy Efficient (80 Plus) Power Supplies
- **Solid State Operating System drive**
Ensures a stable and reliable operating environment with no moving parts
- **Linux or Windows OS**
Choose between Linux and Windows OS to suit your preferred IT infrastructure
- **Engineered for stability & reliability**
Quality materials, excellent design and construction anticipates challenging environments
- **Health Monitoring Watchdog**
A comprehensive suite of self-diagnostic functions detect and report hardware and software issues
- **Flexible User Interfaces**
Local, Client, Web and Mobile applications for Live and Review
- **2 Year Hardware Warranty**
A comprehensive hardware replacement warranty for total peace of mind

Server Specifications

Detail	NCUBE	
Image	 	
Chassis Type	Small Form Factor NAS Cube Style	
Dimensions (HxWxD)	245x210x285mm	
Operating System	Linux or Windows	
OS Drive	2.5" Industrial SSD	
Main Board	Ultra Durable Mini ITX with WiFi	
Chipset	Intel® H97	
CPU	4th Gen SKT1150 Intel® Core™i3 or Core™i7	
RAM	4GB DDR3 (8GB for Core™i7 systems)	
Network (Wired)	2 x RJ45 GbE 1 x Atheros AR8161, 1 x Intel® I217V IEEE 802.3, IEEE 802.3u, IEEE 802.3ab Compliant	
Network (Wireless)	Wireless Communication Module providing: WiFi 802.11 a/b/g/n/ac 2.4/5GHz Dual band (Wifi Aerials included) Bluetooth 4.0, 3.0+HS, 2.1+EDR	
Audio	Realtek ALC892 Hi Def, Line IN / MIC IN / Line Out (3.5mm Stereo)	
Serial Ports	None (Optional USB-RS232 Adaptor)	
USB Ports	4 x USB 3.0/2.0 on Rear Panel 4 x USB 2.0/1.1 Rear Panel:2, Front Panel: 2	
Monitor Outputs	1 x DVI-I Analogue, 2 x HDMI (1.4a)	
Graphics	Intel® HD (CPU Dependant)	
Power Supply	250W Flex (110-240VAC, 50/60Hz)	
Max Internal Storage Capacity	12TB (4 x 3TB 3.5" Fitted in removable caddies)	
Max Internal Optional RAID Storage	N/A	
External Storage Options	USB, NAS	
Optical Drive	Slim Combi CD/DVD Writer Included as standard	
Max Cameras per server	64	
Max Recording Bitrate	600Mbps ¹	
Max Local Live Real-Time Streams ² Note: To be used as a guide only as dependant on individual camera bitrates.	With Core™i3 CPU:	30Ch @ 4CIF
		16Ch @ 1.2MP
		8Ch @ 2MP
		4Ch @ 3MP
	With Core™i7 CPU:	60Ch @ 4CIF
		30Ch @ 1.2MP
15Ch @ 2MP		
		9Ch @ 3MP
Notes:		
1	Assumes 4 x Storage HDD's and Cathesis Advanced Database utilised	
2	Live stream performance assumes no extra server load for Analytics	

While Cathesis has made every effort to ensure the accuracy of this document, there is no guarantee of accuracy, neither explicit, nor implied Specifications subject to change without notice.