

## [FAQ]

# Can I run multiple instances of Recording Server using virtual machine?

Release Date: 1/30/2015

### Applied to

GV-Recording Server v1.24

### Question

Can I run multiple instances of Recording Server using virtual machine?

### Answer

As long as the storage and network requirements of Recording Server are met, virtual machine running multiple Recording Servers should work fine. Please refer to the requirement charts below:

#### Recommended Hard Disk Requirements

The recommended hard disk requirements for 24 hours of recording are listed as below.

Resolution	Frame rate	Codec	Motion	Round-the-Clock		
			Max. channel per HDD	Max. channel per HDD and required HDD size	Required HDD size (recording 128 ch, 24 hr)	Recommended HDD requirements
1.3 MP	30 fps	H.264	10 ch	32 ch / 2.5 TB	10 TB	3 TB 7200RPM HDD x 4 (SATA3)
		JPEG	X	8 ch / 2.7 TB	43.2 TB	3 TB 7200RPM HDD x 16 (SATA3)
2.0 MP	30 fps	H.264	7 ch	21 ch / 2.2 TB	13.5 TB	3 TB 7200RPM HDD x 7 (SATA3)
		JPEG	X	5 ch / 2.5 TB	64 TB	3 TB 7200RPM HDD x 26 (SATA3)
3.0 MP	20 fps	H.264	10 ch	32 ch / 3 TB	12 TB	3 TB 7200RPM HDD x 4 (SATA3)
		JPEG	X	4 ch / 2 TB	64 TB	3 TB 7200RPM HDD x 32 (SATA3)

## Network Requirements

Resolution	FPS	Codec	Gigabit Network Cards Required	
			Receiving 128 ch	Transmitting 300 ch
1.3 MP	30 fps	H.264	Gigabit network card x 1 (up to 128 ch per card)	Gigabit network card x 2 (up to 150 ch per card)
2.0 MP	30 fps	H.264	Gigabit network card x 2 (up to 64 ch per card)	Gigabit network card x 4 (up to 75 ch per card)
3.0 MP	20 fps	H.264	Gigabit network card x 1 (up to 128 ch per card)	Gigabit network card x 2 (up to 150 ch per card)

For any question on the information provided, please feel free to submit your question to our support window at [support@geovision.com.tw](mailto:support@geovision.com.tw)