All of the settings are under the "Configuration" tab. Initially, this brings up basic information about the NVR.

Live View	Play	yback	Log	C	onfiguration
Platinum LTN76		Live View	Playback	Log	Configuration
telp 🎜 Logout ᆂ a Local Configuration	Basic Information				
Remote Configuration Remote Configuration Device Parameters Device Information Time Settings	Device Name Device No. Model	Embedded Net DVR 255 LTN7616-HT			
Menu Output Camera Settings Network Settings	Serial No. Firmware Version	LTN7616-HT162013	31011BBRR436747636WCVU		
 Serial Port Settings Alarm Settings 	Encoding Version Number of Channels	V1.0 build 131115 31			
Exception User Management HDD Management	Number of HDDs Number of Alarm Input	1			
Maintenance Camera Management	Number of Alarm Output	5			

All of the settings fall under two categories: Local and Remote. Local Configuration controls settings for that specific web browser. Remote Configuration controls settings for the NVR itself.

			.0	
Help 🎜 Logout 💄	admin			
Local Configuration	Local Configuration			
Remote Configuration	Protocol	TCP		
	Stream Type	Sub Stream 🔻		
	Image Size	Auto-fill 🔻		
	Record File Size	512M V		
	Live View Performance	Balanced Y		
	Auto Start Live View	No		
	Resume Live View Status	No		
	Highlight Event Area	Disable		
	Save record files to	C:\Users\ryan.lang\Web\RecordFiles	Brows	e
	Save snapshots in live view to	C:\Users\ryan.lang\Web\CaptureFiles	Brows	e
	Save snapshots when playback to	C:\Users\ryan.lang\Web\PlaybackPics	Brows	e
	Save clips to	C:\Users\ryan.lang\Web\PlaybackFiles	Brows	ie)
	Save downloaded files to	C:\Users\ryan.lang\Web\DownloadFiles	Brows	e

File Download Location

Click on: "Local Configuration" Then click on [Browse] to change the save locations.

Save record files to	C:\Users\ryan.lang\Web\RecordFiles	Browse
Save snapshots in live view to	C:\Users\ryan.lang\Web\CaptureFiles	Browse
Save snapshots when playback to	C:\Users\ryan.lang\Web\PlaybackPics	Browse
Save clips to	C:\Users\ryan.lang\Web\PlaybackFiles	Browse
Save downloaded files to	C:\Users\ryan.lang\Web\DownloadFiles	Browse

Video Stream Quality

Click on: "Local Configuration"

Protocol	TCP	۲
Stream Type	Sub Stream	T
Image Size	Auto-fill	•
Record File Size	512M	۲
Live View Performance	Balanced	•
Auto Start Live View	No	•
Resume Live View Status	No	۲

The default quality for "Live View Performance" is "Balanced". Changing it to "Shortest Delay" will reduce dropped frames by reducing color depth and bandwidth. It can be very effective and helpful.

Balanced	۲
Shortest Delay Real Time	
Balanced	
Fluency	1

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The default "**Stream Type**" is "Sub Stream". It should only be changed to "Main Stream" if the computer is on the local network. It uses much more bandwidth.

The "**Protocol**" is "TCP" by default. Changing it to "UDP" can have a slight performance increase on a stable network, but only if both UDP and TCP ports have been forwarded. It often is unnoticeable.

The **"Auto Start Live View**" makes the cameras load without clicking the "Start All Live View" button. The **"Resume Live View Status**" only restores the number of cameras shown (1x1, 2x2, 3x3, or 4x4).

Camera Names

Configuration > Camera Setup > Display Settings

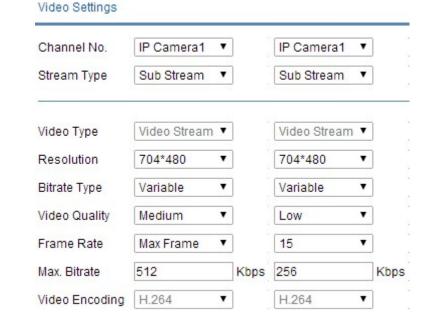
Local Configuration	Display Settings				
 Remote Configuration Device Parameters Camera Settings Display Settings Video Settings Schedule Settings Motion Detection Video Loss Privacy Mask Privacy Mask	Channel No Camera Name Live View DBVIJS2024 Thome Save	IP Camera1 CMIP8232B 3.0MP	OSD Settings OSD Settings Osplay Name Display Date Display Week Time Format Date Format Display Mode	12-hour MM-DD-YYYY Not transparent &	▼ ▼ Notflashing ▼
Chan	nel No.	IP C	amera1		•

Video Quality

Configuration > Camera Settings > Video Settings

Each NVR has a different amount of bandwidth. Typically, the cameras will automatically configure themselves. They can be optimized to conserver HDD space and bandwidth. They can also be optimized for quality, sacrificing space, bandwidth, and possibly channels. Each resolution, frame rate, and quality has a different recommended max bitrate (recommendations are on the NVR itself).

Substream is a low resolution video feed that is not recorded (thus, does not affect HDD space). Because lower resolution can use less bandwidth, substream is used to view multiple cameras feeds at once.



Video quality is a full topic on its own. For **mainstream**, 4096 Kpbs for 2.1 or 3 MP, with medium quality and real-time, is recommended.

Substream Defaults & Possible Optimization