TECHNICAL BULLETIN

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Title:	Netra Series NVR v3.1.4 USA GUI Firmware Release Notes	Version:	1.0	Date:	
Product:	Netra Series NVR				
Action Required:	None, Information Only				

Netra Series NVR Firmware Information:

Firmware Version: v3.1.4, build 150318, Encoding Version: v1.0 build 140828

Netra Series NVR Model:

DS-90xxHFI-ST, DS-90xxHFI-RT, DS-90xxHWI-ST Series Hybrid DVR

DS-96xxNI-ST, DS-96xxNI-RT, DS-96xxNI-XT, DS-77xxNI-SP Series NVR

Compatible IP Camera Information:

IP Camera Model	IP Camera Firmware
Raptor DS-2CD2xxx Series	V5.2.0_140721
Raptor DS-2CD4xxx Series	V5.2.0_140721
DS-2CD63xx Series	V5.0.9_140612
DS-2CD64xx Series	V5.2.0_140721
DS-2CD7xx/72xx/8xx/82xx Series	V5.2.0_140721
DS-2CD2942F-I(S)	V5.2.1_141120

Netra Series NVR v3.1.4 Firmware Updates:

1. Fully compatible with DS-2CD2942F-I(S) new fisheye camera.

2. Port 65xxx for virtual host should be modifiable. Image if we have two NVRs for one location, only one virtual host will work if these ports are not modifiable.

3. In Camera Setup -> Image for settings like WDR, Backlight Compensation, and Video Adjustment Mirror you could use the words On and Off instead of Enable and Close.

4. Add Enable Virtual Host setting in network settings on NVR GUI.

5. Add "copy" function in recording quality.

6. PoE port default setting is "Auto."

7. Fix the buffer overflow issue.