

NetworkHD Series Encoder/Decoder Comparison

	100 Series	200 Series	400 Series	600 Series
Audio + Video				
Video Compression Codec	H.264	H.264	JPEG 2000	SDVoE
Max. Resolution	1920x1200 @60	1920x1200 @60	2160p @60 4:2:0 2160p @30 10-bit (HDR)	2160p @60 4:4:4 10-bit (HDR)
Latency	60ms (low latency mode) 250ms (high quality mode)	60ms (low latency mode) 250ms (high quality mode)	16ms (60fps) 33ms (30fps)	0ms (GenLock Mode) 1~2 frames (Scaler Mode)
Instant Switching	Yes	Yes	No	Yes
Bit Rate	0.5-40Mbps Configurable	0.5-40Mbps Configurable	150-850Mbps	10Gbps
HDCP	1.4	1.4	2.2	2.2
Multi-channel Audio	No	No	Yes	Yes
Preview Stream	Yes	Yes	Yes	No
Analog Audio Out	Yes	Yes	Yes	Yes
Analog Audio In	No	Yes	No	Yes
Audio Switching Only	No	No	Yes	Yes
Control				
NHD-000-CTL	Yes	Yes	Yes	Yes
RS-232	Yes	Yes	Yes	Yes
CEC	Yes	Yes	Yes	No
IR	No	No	Pass-through	Yes
Features				
Video Wall	No	10x10 (NHD-210-RX)	16x16	5x5
Image Flip/Rotate/Scale	No	No/No/Yes	Yes	No/No/Yes
Multi-View	No	NHD-220-RX/NHD-250-RX	No	Yes
Power				
PoE	Yes	Yes	Yes	No