

ENCODING & DECODING EXPERT

N40+/N3+ All-in-one 4K/HD Converter (NDI High Bandwidth)

Integrated Encoding and Decoding

4K60 HDMI/3G-SDI

Compact and portable

The **N40+** supports bi-directional conversion between 4K60 HDMI and NDI High Bandwidth. It features 4K60 input/loop, encoding HDMI into NDI streams. The **N3+** supports bi-directional conversion between 3G-SDI and NDI, allowing for 3G-SDI input/loop (encoding SDI into NDI). Both devices feature LCD screen, built-in Tally lights, 3.5mm headphone jack, and support functions like PoE power supply, PTZ control, voice calls, etc.

 4K60 HDMI I/O (N40+), 3G-SDI I/O (N3+)

 YCbCr 4:2:2 8bit high-quality encoding

 Supports Ethernet (PoE), DC, and USB power supply

 Tally/PoE/PTZ control/KIS intercom

 3.5mm audio line in and out

NDI NDI discovery server embedded/seamless switching

 USB port for headset, keyboard and external Tally

 Up to 10 outputs including 9 decoded addresses
& 1 blank preset box (customizable background color)



NDI Series Products Tech Specs

Model	N60/N50	N6/N5	N40+	N3+
Internet Protocol	NDI High Bandwidth +NDI HX+NDI HX3+SRT	NDI High Bandwidth +NDI HX+NDI HX3	NDI High Bandwidth	NDI High Bandwidth
Video Input	N60: 4KP60 HDMI N50: 12G-SDI	N6: 1080P60 HDMI N5: 3G-SDI	4KP60 HDMI	3G-SDI
Video Output/Loopout	N60: 4KP60 HDMI N50: 12G-SDI	N6: 1080P60 HDMI N5: 3G-SDI	4KP60 HDMI	3G-SDI
Network	2*RJ45 1000Mbps Ethernet port(PoE)	1*RJ45 1000Mbps Ethernet port(PoE)	1*RJ45 1000Mbps Ethernet port(PoE)	1*RJ45 1000Mbps Ethernet port(PoE)
Audio Port	1* 3.5mm Line in 1* 3.5mm Line out	1* 3.5mm Line in/out	1* 3.5mm Line in/out	1* 3.5mm Line in/out
Resolution	Up to 4KP60	Up to 1080P60	Up to 4KP60	Up to 1080P60
USB Port	1* USB 3.0 Type-A 1* USB 3.0 Type-C	1*USB 3.0 Type-C	1*USB 2.0 Type-C	1*USB 2.0 Type-C
PoE	Support	Support	Support	Support
Tally	LCD Tally and back panel Tally	LCD Tally and back Tally	LCD Tally and back Tally	LCD Tally and back Tally
PTZ Control	USB expansion PTZ over IP Network control			
DHCP	Support	Support	Support	Support
Recording	Support (USB/NAS)	/	/	/
Management	Web/Kilolink Server	Web/Kilolink Server	Web/Kilolink Server	Web/Kilolink Server
Dimension (mm)	N60: 135*106*35mm N50: 135*124*35mm	N6: 100*95*23mm N5: 100*111*23mm	100*80*23mm	100*97*23mm
Power Consumption	16w	6w	6w	6w
Display	1.91" LCD screen with a scroll wheel Control the scroll wheel+power button	1.14" LCD screen with Left and right buttons	1.14" LCD screen with Left and right buttons	1.14" LCD screen with Left and right buttons
Color Performance	4:2:2 10bit	4:2:2 8bit	4:2:2 8bit	4:2:2 8bit
Web Cam	/	Support	/	/
Weight	N60: 545g N50: 520g	400g	400g	400g