

# DCB8000 Series



## Multi Interface Converter 4K8K

DCB8000 Series can perform various interface conversions of 8K full spec video (7680 x 4320 pixels / 119.98Hz / RGB4:4:4) to support any situation such as filming location, production and broadcast.

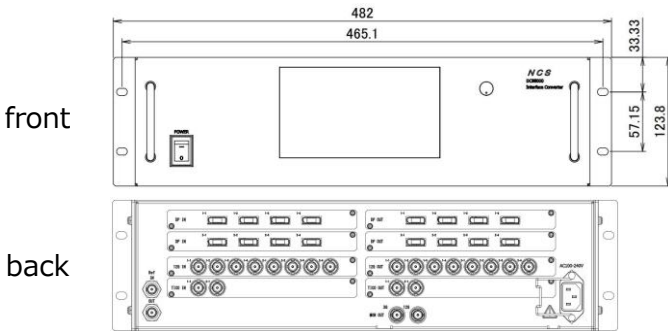


### Interface Board

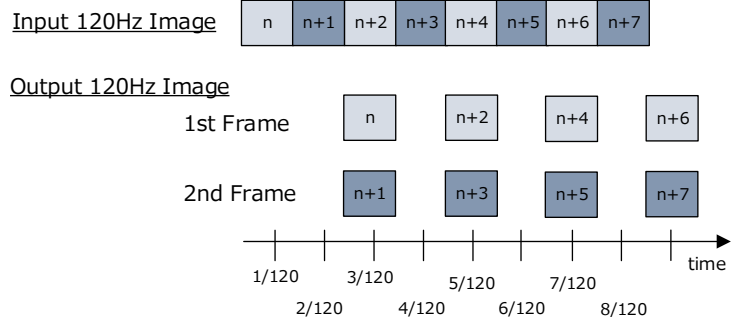
	Interface	Resolution	Frame Rate	Pixel Structure	Bit	Remarks
<b>12G-SDI</b>	12G-SDI x 8ch	7680 x 4320 pixels	120Hz, 120/1.001Hz 60Hz, 60/1.001Hz *4	YCbCr4:2:2	10bit	2 Sample Interleave *3 Square Division
<b>U-SDI *1</b>	U-SDI x 1ch	7680 x 4320 pixels	120Hz, 120/1.001Hz 60Hz, 60/1.001Hz	RGB4:4:4 YCbCr4:2:2	12bit 10bit	
<b>TICO *2</b>	12G-SDI x 2ch	7680 x 4320 pixels	120Hz, 120/1.001Hz 60Hz, 60/1.001Hz *4	YCbCr4:2:2	10bit	
<b>DisplayPort</b>	DisplayPort 1.2 x 8ch	7680 x 4320 pixels	120Hz, 120/1.001Hz 60Hz, 60/1.001Hz *4	RGB4:4:4 YCbCr4:2:2	10bit	Square Division
<b>NMI *5</b>	NMI x 2ch	7680 x 4320 pixels	120Hz, 120/1.001Hz 60Hz, 60/1.001Hz *4	YCbCr4:2:2	10bit	40G QSFP SR4 x 2ch

\*1 ARIB STD-B58, ITU-R BT.2077 Part2 \*2 SMPTE RDD 35 \*3 SMPTE 2082-12 \*4 4ch or 1ch in 60Hz, 60/1.001Hz \*5 Networked Media Interface

### External Dimensions



### Time Division



### General Characteristics

<b>Ancillary</b>	
Audio	32ch, 48kHz, 24bit
Timecode	LTC, VITC
<b>Reference</b>	
Mode	Input lock, Reference lock
<b>Monitor out</b>	
Interface	12G-SDI x 1ch, 3G-SDI x 1ch
Resolution	3840x2160 pixels, 1920x1080 pixels
Frame rate	60Hz, 60/1.001Hz
Pixel structure	YCbCr4:2:2
Bit rate	10bit

<b>General information</b>	
Size	124(H) x 482(W) x 350(D) mm
Rack mount	3 Unit
Weight	Less than 10.0kg
Consumed power	150W(Typ.)
Power supply voltage	AC100 - 240V (50/60Hz)
Operating temperature	0~40°C
Humidity	30~80%RH (No condensation permitted)
Accessories	Operating manual x 1, CD-ROM x 1, Power cable x 1
Display monitor	7inch 1920 x 1080 pixels



NIPPON CONTROL SYSTEM Corporation

#### Shin-Yokohama Office:

2-7-9, Shin-Yokohama, Kohoku,

Yokohama, 222-0033 JAPAN

TEL : +81-45-477-5800

URL : <https://www.nippon-control-system.co.jp/>

MAIL : [global-sales@nippon-control-system.co.jp](mailto:global-sales@nippon-control-system.co.jp)

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