

1U 16.2" Ultra High Resolution LCD Console Drawer with 3G / HD / SD-SDI input

Model: NW117Xe-SDI



FEATURES:

- 1U 16.2" LCD console drawer
- 1920 x 1200 WUXGA native resolution / 16.7M colors (8-bit)
- HDMI 1.4 + DVI-D + VGA video input / USB KB / MS
- 104-key keyboard with either touchpad or trackball
- Short depth design of 480mm
- One Man installation design
- New enhanced aesthetics with molded front handle
- 2-year standard warranty (upgradable up to 5 years)

SPECIFICATIONS:

Console Port	
Video input	HDMI 1.4 + DVI-D single link + VGA
KB / MS	Combo (USB or PS2)
VGA console 6ft cable : NB-6 or	Drawer end : DB-15 (VGA + USB KB / MS) Server end : VGA + USB type A
DVI-D console 6ft cable : NX-6	Drawer end : DVI-D + DB-15 (USB KB / MS) Server end : DVI-D + USB type A

LCD Panel	
Panel size (diagonal)	16.2"
Native resolution	1920 x 1200
Brightness (cd/m ²)	300
Contrast ratio (typ.)	800 : 1
Colors	16.7 M, 8-bit
Viewing angle (L/R/U/D)	89/89/89/89
Response time (ms)	30
Dot pitch (mm)	0.191
Display area (mm)	343.8H x 214.9V
Surface treatment	Anti-glare, Hard-coating
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	20,000

Mounting Distance	
Single console drawer	490 ~ 720 mm 19.3 ~ 28.3 inch
Console w/ KVM drawer	490 ~ 800 mm 19.3 ~ 31.5 inch

Audio Option		
Input	Connector	3.5mm stereo jack
	Impedance / Power level	30kΩ / 750mV
Output	Connector	3.5mm stereo jack
	Resistance / Power level	30kΩ / 2.8V
Speaker	Dual stereo	2W x 2

OPTIONS

- Front USB hub port for device access
- 3G / HD / SD-SDI Broadcast-grade input
- Audio input & output
- DC power : 12V / 24V / 48V / 125V
- MAC or SUN Micro keyboard options available
- 2-post rack mounting brackets (ORB-2.1)

Power		
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz	
Consumption (console / KVM)	Screen on	Max. 34W / Max. 59W
	Power saving mode	Max. 4W / Max. 29W
	Power button on	Max. 1W / Nil

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20~90%, non-condensing
Storage humidity	5 ~90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration (11ms duration)
Vibration	10~300Hz 0.5G RMS random vibration

Compliance	
EMC	FCC & CE certified
Safety	CE / LVD certified
Environment	RoHS2 & REACH compliant

Physical		
Dimensions: (W x D x H)	Single console	442 x 480 x 44 mm 17.4 x 18.9 x 1.73 inch
	Console w/ KVM	442 x 580 x 44 mm 17.4 x 22.8 x 1.73 inch
Packing (W x D x H)	Single console / Console w/ KVM	590 x 808 x 140 mm 23.2 x 31.8 x 5.5 inch
Net weight	Single console	10.9 kg / 24 lb
	Console w/ KVM	12.1 kg / 26.6 lb
Gross weight	Single console	15.8 kg / 34.8 lb
	Console w/ KVM	18.1 kg / 39.8 lb

MODELS with KVM

** **IP** console upgrade option for resolution support 1920 x 1080

CAT6 KVM	IP	Remote	8-port	16-port	32-port
	1	0	NW117- CIP8e	NW117- CIP16e	NW117- CIP32e
	0	1	NW117- CC8e	NW117- CC16e	NW117- CC32e
	0	0	NW117- C8e	NW117- C16e	NW117- C32e

** **IP** console upgrade option for resolution support 1920 x 1080

DVI-D KVM	IP	Remote	12-port		
	0	0	NW117- D12		

USB Hub DB-15 KVM	IP	Remote	8-port	16-port
	1	0	NW117IP - 82H	NW117IP - 162H
	0	1	NW117 - CE8H	NW117 - CE16H
	0	0	NW117 - 801H	NW117 - 1601H

Matrix DB-15 KVM	IP	Remote	8-port	16-port
	1	1	NW117 - M118	NW117 - M1116
	2	1	NW117 - M218	NW117 - M2116
	0	1	NW117 - M018	NW117 - M0116
	0	2	NW117 - M028	NW117 - M0216
0	3	NW117 - M038	NW117 - M0316	

DB-15 KVM	IP	Remote	8-port	16-port
	1	0	NW117IP-82	NW117IP-162
	0	1	NW117 -CE8	NW117 -CE16
0	0	NW117 -S801	NW117 -S1601	

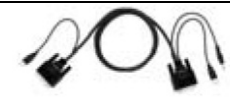
CAT6 KVM Dongle



Resolution 16:9 - max. 1920 x 1080
Support : 4:3 - max. 1600 x 1200

** Resolution related to LCD specification

DVI-D USB KVM Cable

Resolution Support :	16:10 - max. 1920 x 1200	
	16:9 - max. 3840 x 2160	
	4:3 - max. 1600 x 1200	
NP - 6 (6 ft)		

** Resolution related to LCD specification

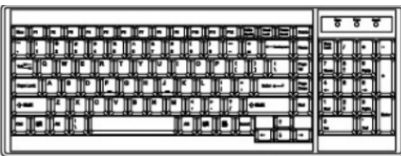
DB-15 VGA USB KVM Cable

		
NB - 6 (6 ft)	NB - 10 (10 ft)	NB - 15 (15 ft)
Resolution Support :	16:10 - max. 1920 x 1200	
	16:9 - max. 1920 x 1080	
	4:3 - max. 1600 x 1200	

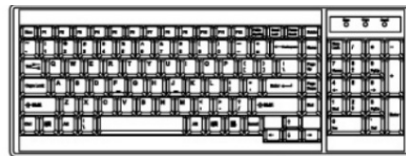
** Resolution related to LCD specification

STANDARD KEYBOARD

















e keyboard integrated with touchpad



b keyboard integrated with trackball



Supporting layouts

America		United States			
EMEA					
	United Kingdom	Germany	France	Spain	Norway
					
	Italy	Russia	Switzerland	Netherlands	Portugal
Asia					
	China	Japan	Korea	Arabia	Turkey

KEYBOARD OPTIONS (US layout only)

Me Mac keyboard with touchpad



Se S keyboard with touchpad

Mb Mac keyboard with trackball

Sb S keyboard with trackball

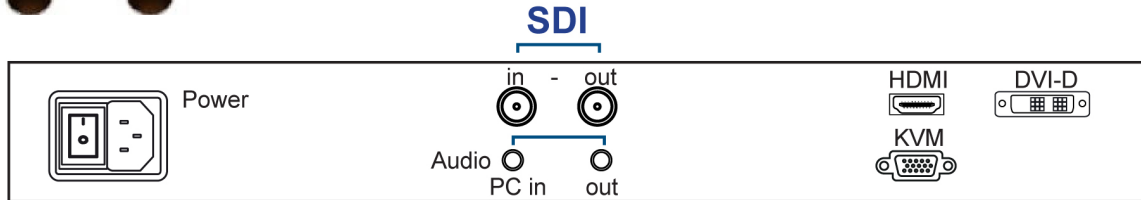


3G / HD / SD-SDI input



iTech' SDI input is an ideal solution for the broadcast-grade video and high resolution CCTV market.

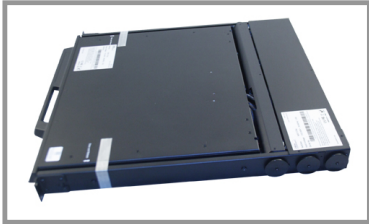
Designed for use with NetView Full HD 1080p and ultra high resolution 1920 x 1200 LCD displays, iTech provides a SDI input module without using additional space or power and it comes standard with a 2-year warranty.



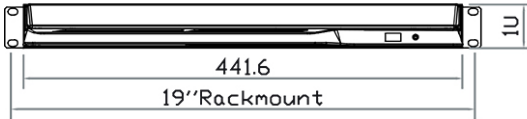
For SDI option, casing depth will be changed from 460mm (18.1") to 530mm (20.9")

INPUT	3G-SDI IN	BNC x 1 / 0.8Vp-p (75 ohm)	
	3G-SDI OUT	BNC x 1 / Active through, equalized & relocked	
Standard Compliance	Video	SMPTE 425M / 274M / 296M / 125M ITU-R BT.656	
	Audio	SMPTE 299M / 272M-C	
Compatible Video Format	3G-SDI	1080p	@60 / 50Hz, 4:2:2
		1080p	@30 / 25 / 24Hz, 4:4:4
		1080i	@60 / 50Hz, 4:4:4
		720p	@60 / 50Hz, 4:4:4
	HD-SDI	1080p	@30 / 25 / 24Hz, 4:2:2
1080i		@60 / 50Hz, 4:2:2	
720p		@60 / 50Hz, 4:2:2	
SD-SDI	480i	@60Hz, 4:2:2	
ITU-R BT.656	576i	@50Hz, 4:2:2	
Compatible Audio Format	3G-SDI	48kHz, 16 / 20 / 24 bit, 2 CH, Synchronized Video	
	HD-SDI	48kHz, 16 / 20 / 24 bit, 2 CH, Synchronized Video	
	SD-SDI	48kHz, 16 / 20 / 24 bit, 2 CH, Synchronized / Asynchronized Video	
Max. Transmission Distance 75 ohm coaxial cable	3G-SDI	150m at 2.97Gb/s	
	HD-SDI	250m at 1.485Gb/s	
	SD-SDI	480m at 270Mb/s	

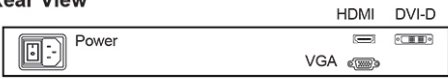
PHOTOS:



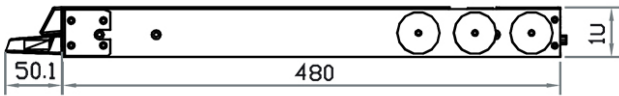
Front View



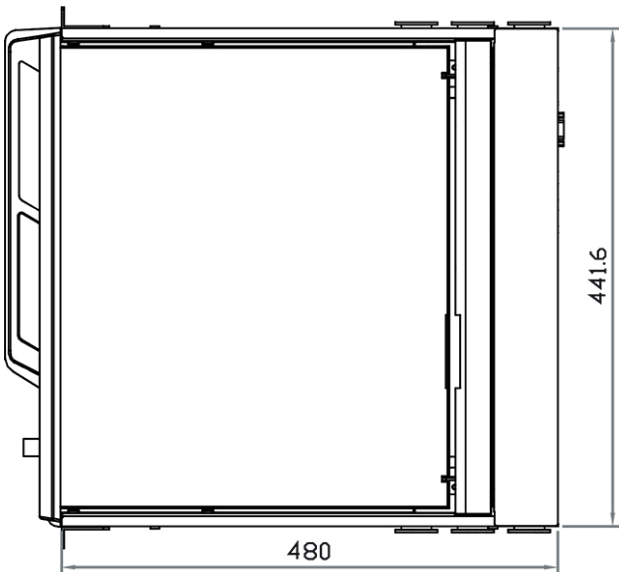
Rear View



Side View



Top View



UNIT : mm
1mm = 0.03937 inch