

2U MILITARY GRADE SINGLE SLIDES RUGGED RACKMOUNT LCD KEYBOARD DRAWER

17.3" FHD TFT LCD - 1920x1080 , Brightness : 400nits (Typ) View angle :160(H)/140(V)
Contrast ratio :600 : 1 (Typ) Color :16.7 M colors, Input Device: 81 keys backlight
plastic membrane keyboard with 5 levels brightness adjustable, TouchPad
Keyboard, USB input Power input : 110-220VAC input, 20" deep. Design to meet:
MIL-STD-810G Wide temperature 0-60C, Vibration & Shock with 16-ports combo
HDMI + USB KVM, included KVM cables 6ft long

Note: Switching between computers via "Hot-keys".
No front panel LED indicator nor front panel membrane switch button.



Model: BMil21730-16HDMle

The BMIL21730-16 HDMI e only occupies a fraction of the space of traditional monitor and keyboard units, the installation of the BMIL leaves ample room for other critical components. The monitor keyboard unit has a built-in slide rail and mounts easily into any 19" rackmount cabinet.

The BMIL21730-16HDMle is a 2U rack mount monitor drawer with a full HD 17.3" monitor, keyboard, and touchpad. The LCD is built into the cover and the keyboard and touchpad are built into the base, allowing you to independently use the monitor or keyboard thanks to the rail system.

FEATURES:

- Built-in rails to meet the flexible use needed
- Mechanism meets EIA/ECA-310- 19" Rackmount 2U, depth: 500mm (without handle). 580 mm (with handle)
- Cabinet mounting: with fixed rear extend holder up to 600mm (Std) with Jonathan rails up to 600mm (Options)
- Touch Panel (Optional)

SPECIFICATIONS:

Ports	16-ports combo HDMI + USB KVM
Weight	38 lbs
Dimensions	482.60 x 88.9x 500 mm (19"x 3.5"x 19.7")
Power Supply	110-220VAC input
Construction	Heavy Duty Steel Frame
Keyboard	81-backlight keys with 5 levels of adjustable brightness
Pointing Device	Touchpad Keyboard
Approvals	CE, FCC, UL, RoHS
Display	
Size	17.3" FHD TFT LCD
Resolution	1920x1080
Brightness	400 nits (Typ)
Contrast Ratio	600 : 1 (Typ)
Viewing Angles	160(H)/140(V)
Display Colors	16.7 M colors

**Specifications subject to change without notice, not responsible for typographical errors.*

DESIGNED to MEET:

- Temperature, MIL-STD-810G, Method 501.5, Procedure II (0 ~ +60C)
- Temperature, MIL-STD-810G, Method 501.5, Procedure I (-20 ~+80C)
- Vibration, MIL-STD-810G, Method 514.6, Procedure II , Random General vibration,
- Shock, MIL-STD-810G, Method 516.6, Procedure II , Saw tooth wave, 20G/11ms,



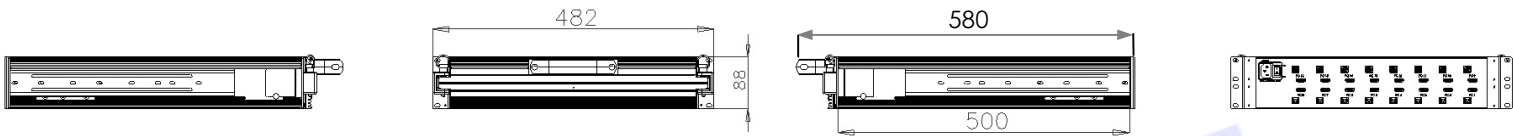
i-Tech Company LLC
EMAIL: info@itechlcd.com • WEB: www.iTechLCD.com

Modified Date: 10-06-2022

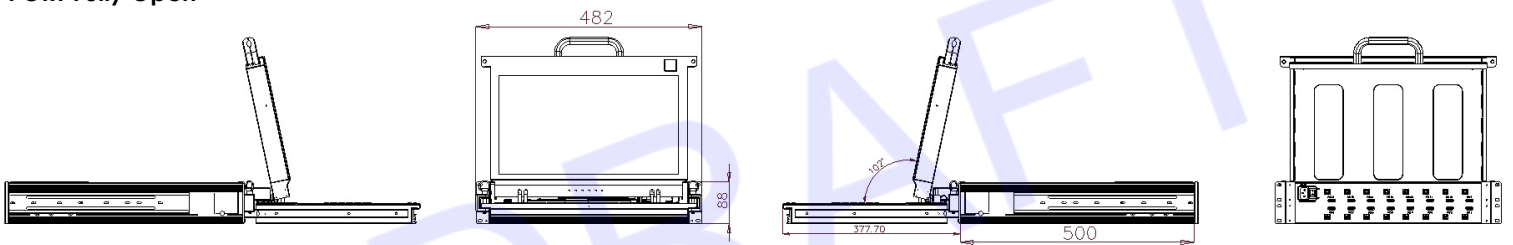
MECHANICAL DRAWINGS:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

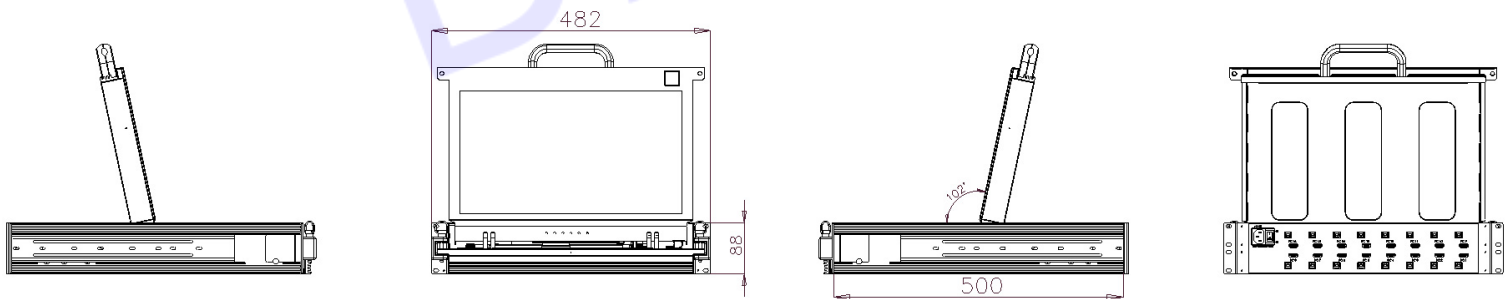
PORT Closed



PORT Fully Open



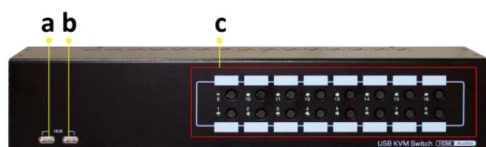
PORT Open



Drawing No.: BMil21730-16HDMIe-10062022-V2

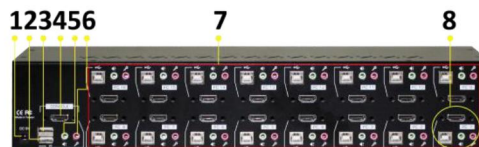
KVM SPECIFICATIONS:

FRONT Panel Overview



- a. USB Device Port (Type A, Female)
- b. USB Device Port (Type A, Female)
- c. Computer Port LEDs and push buttons (1-16)

BACK Panel Overview



- 1. Power socket
- 2. USB Port for Keyboard (Type A)
- 3. USB Port for Mouse (Type A)
- 4. HDMI Port connect to Monitor (Console)
- 5. Speaker jack
- 6. Microphone jack
- 7. PC1-PC16 (down row, right to left as marked)
- 8. PCI: HDMI Port, USB Port (Type B), Speaker and Mic jacks.

Installation:

1. Please ensure that your KVM Switch monitor, and computers are power off.
2. Connect keyboard to USB port (2)
3. Connect mouse to USB port (3)
4. Connect monitor to HDMI port (4)
5. Connect Speakers to Speaker jack (5)
6. Connect Microphone to Microphone jack (6)
7. Power on the Monitor.
8. Power on the KVM Switch by plug in the External Power Adapter.
9. Connect each KVM Switch PC port to the Computers.
10. Power on Computers.
11. Connect each of your USB devices to the USB Hub ports; you can now begin to use the KVM Switch.

Operation:

They are two methods to control your KVM Switch for PC/Hub port / Audio & Microphone ports selection: Front-panel push buttons and Keyboard Hotkeys.

1. Front-panel push buttons

The Front-panel push buttons allows you can direct control over KVM Switching operation. Simply push desired button to switch rapidly to the respective PC port. For more operation about push button, please refer to "Quick Reference Sheet"

2. Keyboard Hotkeys

For Keyboard Hotkeys, please refer to the "Quick Reference Sheet".

Switch Operation – Hotkeys / Front-panel Buttons

COMMAND	HOTKEYS	FRONT-PANEL BUTTONS	DESCRIPTION
Define Hotkey Preceding Sequence	ScrLk+ ScrLk+ [H]+ F12 / NumLock/ CapsLock/ ScrLock]	--	Define Hotkey Preceding Sequence
Bind PC and Hub Port Control Switching	ScrLK + ScrLK + Z	--	Enable the binding of PC port and hub port control switching (Once this feature is enable, any PC and/or hub port control switching is bound together) (Factory default)
Unbind PC and Hub Port Control Switching	ScrLK+ ScrLK + X	--	Disable the binding of PC port and hub port control switching
Next lower PC port	ScrLK + ScrLK + [Up Arrow]	Press corresponding button switch for port selection	Next lower PC port
Next higher PC port	ScrLK + ScrLK + [Down Arrow]	Press corresponding button switch for port selection	Next higher PC port
Previous PC Port	ScrLK + ScrLK + [BackSpace]	Press corresponding button switch for port selection	Toggle between the previous port and current port
Beep Sound On/Off [Default = ON]	ScrLk + ScrLk + B	--	Toggle On/Off the beep sound
Autoscan Period [Default = 10 seconds]	ScrLK + ScrLK + [S] +[1~9]	--	Specify the scanning period [10~90 seconds]