

DATA SHEET

KLS19H

LCD CONSOLE TRAY, 19", FULL HD

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM



BLACK BOX®

OVERVIEW

LCD CONSOLE TRAY, 19", FULL HD DATA SHEET

FEATURES

- 1U 19" FHD LED-backlit LCD console drawer
- 1920 x 1080 native resolution/16.7M colors
- HDMI 1.4 + VGA video input (speakers excluded)
- 104-key USB keyboard with either touchpad or trackball
- Short depth design of 460mm
- One-man installation design
- Enhanced aesthetics with new molded front panel and 2-point lock
- 2-year standard warranty (upgradable up to 5 years)

OPTIONS

- Dual stereo speakers for HDMI (HS4.4)
- DP 1.0 + Speakers (DP)
- DVI-D + Audio input & output + Speakers (DV4.4)
- Composite + Audio IN + Speakers (BNC)
- 3G/HD/SD-SDI Broadcast-grade input + Speakers (SDI)
- Front USB hub port for device access (USB)
- DC power: 12V/24V/ 48V/125V/250V
- SUN Micro keyboard option

SPECIFICATIONS

LCD CONSOLE TRAY, 19", FULL HD DATA SHEET

LCD CONSOLE TRAY, 19", FULL HD (KLS19H) SPECIFICATION TABLE		
SPECIFICATION	DESCRIPTION	
CONSOLE PORT		
VIDEO INPUT	HDMI 1.4 + VGA	
KB/MS	USB interface	
VGA CONSOLE 6FT CABLE: KLCBLVGA62 (OPTIONAL) OR HDMI CONSOLE 6FT CABLE (INCLUDED)	Drawer end: DB-15 + USB type A x 2; Server end: DB-15 + USB type A x 2 Drawer end: HDMI + USB type A x 2; Server end: HDMI + USB type A x 2	
VIDEO OPTION		
DIGITAL	DVI-D	DVI-D single link
	DisplayPort™	DP 1.0/HDCP 1.3
ANALOG	Composite (BNC)	NTSC & PAL
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	
PHYSICAL		
PRODUCT DIMENSIONS¹ (H X W X D)	Single Console: 1.73"H x 17.4"W x 18.1"D (44 x 442 x 460 mm); Console with KVM: 1.73"H x 17.4"W x 22.8"D (44 x 442 x 580 mm)	
PACKING DIMENSIONS¹ (H X W X D)	Single Console/Console with KVM: 5.5"H x 23.2"W x 31.8"D (140 x 590 x 808 mm)	
NET WEIGHT	Single Console: 25.3 lb. (11.5 kg); Console with KVM: 28 lb. (12.5 kg)	
GROSS WEIGHT	Single Console: 35.2 lb. (16 kg); Console with KVM: 39.8 lb. (18.1 kg)	
MOUNTING DISTANCE	Single Console Drawer: 18.5" ~ 27.6" (470 ~ 700 mm); Console with KVM drawer: 18.5" ~ 31.5" (470 ~ 800 mm)	

¹All dimensions stated are subject to change if options are selected/integrated to base model part codes.



SPECIFICATIONS (CONTINUED)

LCD CONSOLE TRAY, 19", FULL HD DATA SHEET

LCD CONSOLE TRAY, 19", FULL HD (KLS19H) SPECIFICATION TABLE (CONTINUED)	
SPECIFICATION	DESCRIPTION
LED-BACKLIT LCD PANEL	
PANEL SIZE (DIAGONAL)	18.5"
NATIVE RESOLUTION	1920 x 1080
BRIGHTNESS (CD/M ²)	350
CONTRAST RATIO (TYP.)	1000:1
COLORS	16.7 M
VIEWING ANGLE (L/R/U/D)	89/89/89/89
RESPONSE TIME (MS)	20
DOT PITCH (MM)	0.213
DISPLAY AREA (MM)	408.98H x 230.04V
SURFACE TREATMENT	Anti-glare, Hard-coating
SURFACE HARDNESS	3H
BACKLIGHT TYPE	LED
MTBF (HRS)	50,000
ENVIRONMENT	
TEMPERATURE	Operating: -4 to 158°F (-20 to +70°C); Storage: -4 to 158°F (-20 to +70°C)
HUMIDITY	Operating: 10 ~ 90%, non-condensing; Storage: 5 ~ 95%, non-condensing
ALTITUDE	Operating: 16,000 ft.; Non-operating: 40,000 ft.
SHOCK	10G acceleration (11ms duration)
VIBRATION	10 ~ 300Hz 0.5G RMS random vibration
POWER	
INPUT	Auto-sensing 100 to 240VAC, 50/60Hz
CONSUMPTION (CONSOLE/KVM)	Screen on: Max. 14W/Max. 45W; Power saving mode: Max. 2W/Max. 34W; Power button off: Max. 1W/Nil
COMPLIANCE	
EMC	FCC & CE
SAFETY	CE/LVD & UKCA
ENVIRONMENT	REACH & RoHS3/WEEE
IP CONSOLE	
CONNECTOR	RJ-45
USER MANAGEMENT	1 active user, 15-user login
NETWORK PROTOCOL	DHCP/BOOTP/DNS
SECURITY	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
BROWSER	Chrome, Firefox, Edge, etc.
RESOLUTION	16:9 - max. 1920 x 1080/16:10 - max. 1920 x 1200/4:3 - max. 1600 x 1200
KEYBOARD	Supporting Layouts: America: US; EMEA: U.K., Germany, France, Russia, Spain, Italy, Switzerland
STANDARD WITH TOUCHPAD	
STANDARD WITH TRACKBALL	



ORDERING INFORMATION

LCD CONSOLE TRAY, 19", FULL HD DATA SHEET

ITEM	CODE
LCD Console Tray, 19", Full HD	KLS19H

KLUI7H MODEL WITH KVM							
	IP	REMOTE	8-PORT	12-PORT	16-PORT	32-PORT	CABLES
2K KVM	0	0	8H2K	—	—	—	KVM Cables: KLCBLDVD2K6 (6 ft.) DVI-D KVM cable; KLCBLHDM6 (6 ft.) HDMI KVM cable Resolution Support: 16:9 - max. 2560 x 1440 16:10 - max. 1920 x 1200 4:3 - max. 1600 x 1200
DVI-D KVM	0	0	—	12D	—	—	DVI Cables: KLCBLDV06 (6 ft.); KLCBLDV15 (15 ft.) Resolution Support: 16:10 - max. 1920 x 1200 16:9 - max. 1920 x 1080 4:3 - max. 1600 x 1200
CAT6 MATRIX KVM	1 2 0 0 0	1 1 1 2 3	— — — — —	— — — — —	16CXM3P — 16CX2 — —	— — — — —	Server Access Modules: KLCIMUSBC USB-C dongle; KLCIMDP DP- USB dongle; KLCIMHDMI HDMI- USB dongle; KLCIMDV DVI- USB dongle; KLCIMVGA VGA- USB dongle Resolution Support: 16:10 - max. 1920 x 1200 16:9 - max. 1920 x 1080 4:3 - max. 1600 x 1200
CAT6 COMBO KVM	1 0 0	0 1 0	8CXC2P 8CXC2 8CXC	— — —	16CX2P 16CX2 16CX	— 32CMR 32CM	
DB-15 COMBO KVM	1 0 0	0 1 0	8V2P 8V2 8V	— — —	— — 16V	— — —	VGA Cables: KLCBLVGA6 (6 ft.); KLCBLVGA10 (10 ft.); KLCBLVGA15 (15 ft.) Resolution Support: 16:10 - max. 1920 x 1200 16:9 - max. 1920 x 1080 4:3 - max. 1600 x 1200

ABOUT BLACK BOX

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