CRYSTAL IMAGE TECHNOLOGIES

RM-K24 1U 23" 4K LCD Console Drawer

Model (left side open)	Model (right side open)
RM-K24	RM-K24R

Benefits

- 1U 23.8" 4K LCD console drawer
- 3840 x 2160 native resolution / 1.07B colors (10-bit)
- 1920 x 1080 & 1920 x 1200 resolution support
- Display port 1.2 video input / USB KB / MS
- 104-key keyboard with either touchpad or trackball
- Built-in dual stereo speakers
- 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

- Front USB hub port for device access
- HDMI 1.4 video input
- 3G / HD / SD-**SDI** Broadcast-grade input
- DC power : 12V / 24V / 48V / 125V
- MAC or SUN Micro keyboard options available

Product Specifications

Console Port	
Video input	Display port 1.2
KB / MS	USB type B
DP console 6ft cable : CP-6	Drawer end : DP + USB type B (KB / MS) Server end : DP + USB type A

Video Option		
Digital	HDMI	HDMI 1.4 / HDCP 1.4

LCD Panel	
Panel size (diagonal)	23.8"
Native resolution	3840 x 2160
Brightness (cd/m²)	310
Contrast ratio (typ.)	1000 : 1
Colors	1.07 Billion, 10-bit
Viewing angle (L/R/U/D)	89/89/89/89
Response time (ms)	25
Dot pitch (mm)	0.13725
Display area (mm)	527.04H x 296.46V
Surface treatment	Anti-glare
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	30,000

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

Power		
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz	
Consumption (console / KVM)	Screen on	Max. 45W / Max. 54W
	Power saving mode	Max. 9W / Max. 18W
	Power button on	Max. 2W / Nil

Physical		
Product (W x D x H)	Single console	442 x 650 x 44 mm 17.4 x 25.6 x 1.73 inch
	Console w/ KVM	442 x 750 x 44 mm 17.4 x 29.5 x 1.73 inch
Packing (W x D x H)	Single console / Console w/ KVM	595 x 910 x 140 mm 23.4 x 35.8 x 5.5 inch
Net weight	Single console	15.3 kg / 33.7 lb
	Console w/ KVM	16.1 kg / 35.4 lb
Gross weight	Single console	19.5 kg / 42.9 lb
	Console w/ KVM	22 kg / 48.4 lb

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

Mounting Distance	
Single console drawer	660 ~ 890 mm 26 ~ 35 inch
Console w/ KVM drawer	660 ~ 970 mm 26 ~ 38.2 inch

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

RM-K24 models w/ KVM

** Resolution related to LCD specification

* IP console upgrade option for resolution support 1920 x 1080

2K KVM	IP	Remote	8-port
	0	0	RM-XXX-2K801

2K KVM Cable

KVM-DK6 (6 ft)
DVI-D KVM cable

KVM-HK6 (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	IP	Remote	12-port
	0	0	RM–XXX-1201D

DVI-D USB KVM Cable

Resolution Support ** :
16:10 - max. 1920 x 1200
16:9 - max. 1920 x 1080
4:3 - max. 1600 x 1200

DVI - 6 (6 ft)
DVI - 15 (15 ft)

Cat6 Matrix KVM	IP	Remote	8-port	RM 16-port	RM 32-port
	1	1	-	XXX – Cat5M-IP1613	XXX – Cat5M-IP3213
	2	1	-	XXX- Cat5M-IP1624	XXX – Cat5M-IP3224
	0	1	-	XXX – Cat5M-1602	XXX – Cat5M-3202
	0	2	-	XXX– Cat5M-1603	XXX – Cat5M-3203
	0	3	-	XXX – Cat5M-1604	XXX – Cat5M-3204

Cat6 KVM Dongle

Cat5 Dongle
Cat5 Dongle USB-C

Cat5 Dongle
Cat5 Dongle DP

Cat5 Dongle
Cat5 Dongle HDMI

Cat5 Dongle
Cat5 Dongle USB/DVI

Cat5 Dongle (VGA)
Cat5 Dongle USB

Resolution Support ** :
16:10 - max. 1920 x 1200
16:9 - max. 1920 x 1080
4:3 - max. 1600 x 1200

Cat6 Combo KVM	IP	Remote	8-port	RM 16-port	RM 32-port
	1	0	XXX– Cat5-IP08	XXX – Cat5-IP16	XXX – Cat5-IP32
	0	1	XXX–Cat5-08R	XXX–Cat5-16R	XXX-Cat5-32R
	0	0	XXX-Cat5-08	XXX– Cat5-16	XXX – Cat5-32

DB-15 Combo KVM	IP	Remote	RM 8-port	RM 16-port
	1	0	XXX– IP08	XXX - IP16
	0	1	XXX– 08R	XXX– 16R
	0	0	XXX- 801	XXX- 1601

DB-15 USB Hub KVM	IP	Remote	RM 8-port
	1	0	XXX – IP801H
	0	1	XXX–08RH
	0	0	XXX- 08H

DB-15 VGA USB KVM Cable

KVM-B-6 (6 ft)

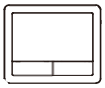
KVM-B-10 (10 ft)

KVM-B-15 (15 ft)

Resolution Support ** :
16:10 - max. 1920 x 1200
16:9 - max. 1920 x 1080
4:3 - max. 1600 x 1200

Standard Keyboard

TP tp keyboard integrated with touchpad



TB tb keyboard integrated with trackball

Supporting layouts

America	United States				
EMEA	United Kingdom	Germany	France	Spain	Italy
Asia	Japan	Korea			

IP Console

High Performance KVM Access Over IP

Connector :	RJ45
User management :	1 x 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