

ER2S-19

2U 19" Shallow Rackmount LCD with Notebook
Keyboard, Touch Pad and Optional KVM



Generation 4

General Information

Form Factor	: 2U Rackmount
Mounting Type	: 4 Post/Cabinet
Number of Drawers	: 2
LCD Access	: Lifts From Back
Model Version	: Generation 4 (Gen4)
Pointing Device	: Touch Pad (Track Ball Available)
Color	: Black (Custom Available)
Hardware Supported	: Multi-Platform
Regulatory Approval	: CE, FCC, RoHS
Warranty	: 2 Years (Extended Available)

LCD

Display Size	: 19" Diagonal
Ratio	: 4:3
LCD Manufacturer	: Samsung
LCD Type	: Grade A Industrial TFT LCD Panel
Backlighting	: Cold Cathode Fluorescent Lamp (CCFL)
Resolution	: 1280x1024
Display Color	: 16.7M
Brightness	: 300 cd/m ²
Contrast Ratio	: 1000:1 typical
Response Time	: Tr=1.3 / Tf=3.7
Pixel Pitch	: 0.294 (H) x 0.294 (V)
Viewing Angle	: 160° / 160°
Signal Input	: VGA (Optional DVI-D)
MTBF	: 50,000 hours

KVM

Number of Ports	: 8 (Std/Cat 6) / 12 (DVI-D) / 16 (Std/Cat 6) / 32 (Cat 6)
Maximum Cascade	: 8 Levels (64-256 Servers) Std & Cat 6 Only
Dongles Options	: PS/2+VGA, USB+VGA, USB+DVI-D

Remote IP Option

Number of IP Ports	: 1 (Models Ending in: IP / M3X-IP / M4X-IP)
	: 2 (Models Ending in: M4X-2IP)
User Management	: 15-User Login; 1-4 Active Users Possible
Security	: SSL v3, RSA, AES, HTTP/HTTPS, CSR
IP Access	: 1 x RJ45 Ethernet, 1 x DB9 Serial, 1 x USB

Multi-User Option

Remote Boxes	: 1 (Models: 2X / M2X / M3X-IP / M4X-2IP)
	: 2 (Models: M3X / M4X-IP)
	: 3 (Model: M4X)
Keyboard/Mouse	: 2 x USB-Type Connectors
Remote I/O	: RJ45 via Cat 5/Cat 5e/Cat 6 up to 330ft

Power Adapter

SINGLE CONSOLE	
Input	: 100-240VAC~1.0A Max 50/60Hz
Output	: 12V~2.5A
Consumption	: Max 30 Watts

NON-MATRIX KVM (All Single-Active User KVM Models)	
Input	: 100-240VAC~1.5A Max 50/60Hz
Output	: 12V~4.0A
Consumption	: Max 48 Watts

MATRIX KVM (All Multi-Active User KVM Models)	
Input	: 100-240VAC~1.3A Max 50/60Hz
Output	: 12V~7.0A
Consumption	: Max 84 Watts

Internal/External	: External via Brick/Barrel Connector
Optional DC	: 12V / 24V / 48V DC Input Available

Environmental

Temperature	: 0 to 50 Degree Celsius (Operation)
	: -5 to 60 Degree Celsius (Storage)
Relative Humidity	: 5~90%, Non-Condensing
Shock	: 10G Acceleration (11ms Dur, Half Sine)
Vibration	: 5~500Hz 1G RMS Random Vibration

Mounting Depth

Single + Options	: 17.5" to 30.5" (4 Post, 16" Brackets)
w/ KVM	: 17.5" to 30.5" (4 Post, 16" Brackets)
w/ Touch-Screen	: 19" to 30" (4 Post, NBK Brackets)

Dimensions & Weight

Single + Options	: 17.4" W x 3.5" (2U) H x 18.9" D; 45 lbs.
w/ KVM	: 17.4" W x 3.5" (2U) H x 18.9" D; 45 lbs.
w/ Touch-Screen	: 17.4" W x 3.5" (2U) H x 18.9" D; 45 lbs.



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