clintonelectronics

EX-SDI

CE-P21-B

21” EX-SDI Connect PVM (Black)



KEY FEATURES:

- 21” Portrait Mode Digital Signage PVM
- 1080 x 1920 Resolution / 16:9 Aspect Ratio
- 350 nit Brightness / 1000:1 Contrast Ratio
- Screen content and scheduling is easily customized with included cloud-based Clinton Connect software
- Ads are updated via networked connection (Wifi or Ethernet)
- Built-In 2.8mm (f1.2) Fixed Lens
- 1/3” Panasonic 2.48 Megapixel CMOS image sensor
- Built-in WiFi
- Built-In Speakers
- Steel Bezel with Acrylic Front
- Programable LED Lightbar and flashing LEDs
- Video, Power & Network connections are secured behind cover plate
- 1 HD-SDI/EX-SDI (1080p) output
- 1 Analog (1,000 TVL) output
- 1 Button Triggered Alarm, 1 Alarm Input & Output (terminal block)
- VESA 75 & 100
- DC24V (power supply sold separately)
- UL Listed

MONITOR	
Display	21.5” LED Backlight LCD
Resolution	1920 x 1080
Aspect Ratio	16:9
Display Colors	16.7M (8 BIT)
Brightness	350 nit
Contrast Ratio	1000:1
Viewing Angle	178° / 178°
Response Time	18ms

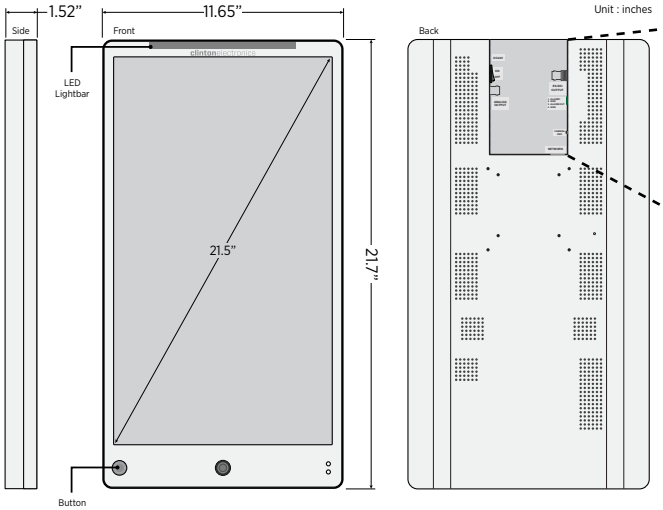
CAMERA	
Image Sensor	1/3” Panasonic 2.48 Megapixel CMOS Image Sensor
Resolution	Full HD 1080p @ 30fps
Effective Pixels	1920 (H) x 1080 (V)
Minimum Illumination	0.1 Lux Color / 0.01 LUX B&W
Shutter Speed	1/50 - 1/10,000 sec.
Lens	2.8mm (f1.2) D/N Fixed Lens

GENERAL	
Video Outputs	1 HD-SDI/EX-SDI (1080p) output 1 Analog (1,000 TVL) output
Alarm Input	1 Terminal Block Alarm Input 1 Button (built-in to front bezel)
Alarm Output	1 Terminal Block Alarm Output
Network	1 RJ45 Ethernet Port Built-In Wifi (2.4GHz & 5GHz dual-band AC)
Mounting	VESA 75x75, 100x100
Material	Steel Bezel w/ Acrylic Front
Power Consumption	1.5A / 36 Watts
Power Requirement	24VDC
Operating Temperature	32°F - 104°F / 0°C - 40°C
Dimensions (W x H x D)	11.65” x 21.7” x 1.52” / 296mm x 551.36mm x 38.84mm
Weight	10.05 lbs / 4.55 kg

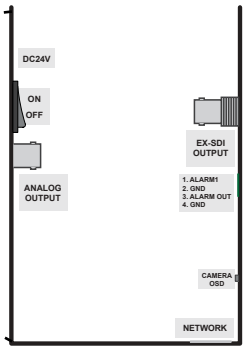
CLINTON CONNECT - Software	
Supported Web Browsers	Chrome, Safari, Edge
Advertising Components	Text Ticker, Images, Video, Camera Feed, Slideshow
Image Format	JPG, PNG, BMP
Video Format	MP4, MOV, AVI
Media Storage	100 GB Total— Monthly upload limits

RECOMMENDED POWER SUPPLY	
CE-PS200	120W Single Monitor Power Supply (24VDC)
CE-S320-B	320W Multiple Monitor Power Supply (24VDC)
CE-600-24-B	600W Multiple Monitor Power Supply (24VDC)

DIMENSIONS:



CONNECTIONS:



CERTIFICATIONS:

c UL us LISTED

RoHS COMPLIANT

Clinton reserves the right, without notification, to make changes in product design & specification.

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Connect PVM

General Requirements

Image Requirements:

- JPG, PNG or BMP file formats
- Minimum 700 pixels wide (height varies depending on desired content)
- File size cannot exceed 32 MB
- Security Banner (camera overlay): 1080 wide, up to 200 tall, recommened PNG w/ transparent background

Video Requirements:

- MP4, MOV or AVI file formats
- Video duration not to exceed 14 minutes, 59 seconds
- File size cannot exceed 1 GB
- Resolution: up to Full HD - 1920x1080 (16:9, landscape) or 1080x1920 (9:16, full screen portrait)
- Up to 30 frames per second

Connect PVM Network Requirements: (device level)

- Wifi or wired ethernet connection
- Internet connection
- Minimum 2 Mbps dowload speed, recommended 20 Mbps or faster download speed
- Access to Virtual Private Cloud server: https://api.clintonconnect.com
- Access to Content Delivery Network server: https://media.clintonconnect.com
- Access to Realtime Messaging server: wss://ws-mt1.pusher.com:443
- Connect PVMs were designed with DHCP in mind. Static IP addresses may be achieved by using MAC address reservation. Assigning a static IP address at the device is not currently supported.
- All Connect PVMs require one IP address to support remote management of content.
- Connect PVMs equipped with IP cameras will require an additional IP address.

Computer / Web Client Requirements: (user level)

- Windows PC or Mac w/ internet access
- Google Chrome, Microsoft Edge or Safari internet browser
- Registered Clinton Connect user account
- Access to Clinton Connect web app: https://app.clintonconnect.com
- Access to Virtual Private Cloud server: https://api.clintonconnect.com
- Access to Content Delivery Network server: https://media.clintonconnect.com
- Access to Realtime Messaging server: wss://ws-mt1.pusher.com:443

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