

DAKTRONICS PRODUCT SPECIFICATION

SERIES SPECIFICATION

DVX-2210-10MN-8000-WJ

Pixel Configuration	RGB 3-in-1 SMD
Line and Column Spacing	0.39 inches - 10 millimeters
Module Configuration - Pixels (RxC)	32 x 32 pixels
Module Dimensions (HxW)	12.6 x 12.6 inches - 320 x 320 mm
Max Power per Square Dimension	59.1 W/sq. ft - 640W/sq. m
Average Power per Square Dimension	14.8 W/sq. ft - 159W/sq. m
Max Heat Output per Sq. Dim	202 BTU/sq. ft/hr - 2170BTU/sq. m/hr
Avg. Heat Output per Sq. Dim	50 BTU/sq. ft/hr - 543BTU/sq. m/hr
Display Weight per Square Dimension	6.9 lb/sq. ft - 33.4 kg/sq. m
Processing	22 bit Distributed
Color Capacity	16 bit (281 Trillion Colors)
Dimming	256 levels
Color Temperature	3,000°-10,000° kelvin (adjustable)
Calibration	pixel to pixel
LED Refresh Rate	3840 hertz
LED Lifetime	100,000 hrs
Brightness - Typical Nits	8000 nits (cd/sm)
Horizontal Viewing Angle	160°
Vertical Viewing Angle (Up/Down)	+15/-30°
Ambient Contrast Ratio Learn More	34000:1 at 50lux
Service Access	Front or Rear
Cabinet Depth	4.9 inches - 125.4 millimeters
Cabinet Construction	Aluminum Sheet Metal
Ingress Protection Rating	IP-66 Front/ IP-65 Rear Rated Components
Working Temperature Rating ²	-40° to 122° F - -40° to 50° C
Ventilation	Fan
Data Transmission to Display	Direct: Fiberoptic Cable Remote: Internet/Network (IP)
Storage & Operating Humidity	NA
Certifications	UL FCC CE CB Safety CE Approval EN/CE RoHS EU RoHS

Note 1: Power draw varies depending on display ventilation. Information not intended for construction use. The power requirements listed do not include over current protection nor balanced electrical loading.

Note 2: Display weight includes module, cabinet, and required interconnect hardware and cables. Does not include structure or peripherals.

Note 3: Temperature range is based on typical usage (100% daytime brightness, 50% content, 250W/m² solar, no wind). Display will operate above listed temp range but will see greater rates of dimming. Range is based on low-temp configuration.

Note 4: Ventilation solution may require external supplemental A/C in some areas of the world. Please consult your Daktronics representative regarding your area.

Note 5: Consistent with Daktronics policy of continuing product improvement, specifications shown on this document are subject to change without notice.

Note 6: See contract specific drawings for customized product weights

DISPLAY SPECIFICATION

DVX-2210-10MN-8000-WJ-HC-288x1120-AUTOBR-LT-SR-FOR-PCA-CRMP

Active Screen Size (HxW)	9.45 feet x 36.74 feet - 2.88 meters x 11.2 meters
Active Screen Size (Square Dimensions)	347 square feet - 32.26 square meters
Number of Modules (HxW)	9 Modules x 35 Modules
Total Modules	315 Modules
Matrix Size (HxW)	288 pixels x 1120 pixels
Aspect Ratio	0.26 (Reference - 16:9 = .5625 and 4:3 = .75)
Display Weight ⁶	2374 lb - 1077 kg
Total Maximum Power Consumed	20530 Watts
Total Average Power Consumed	5140 Watts
Total Maximum Heat Output	70000 BTU/hr
Total Average Heat Output	17510 BTU/hr
Current Draw	86 amps @ 120/240v 30 amps @ 230/400v 3P (3L - N - G) 25 amps @ 277/480v 3P (3L - N - G) 57 amps @ 120/208v 3P (3L - N - G)
Control Method	Prolink Based Rack Mount Control System