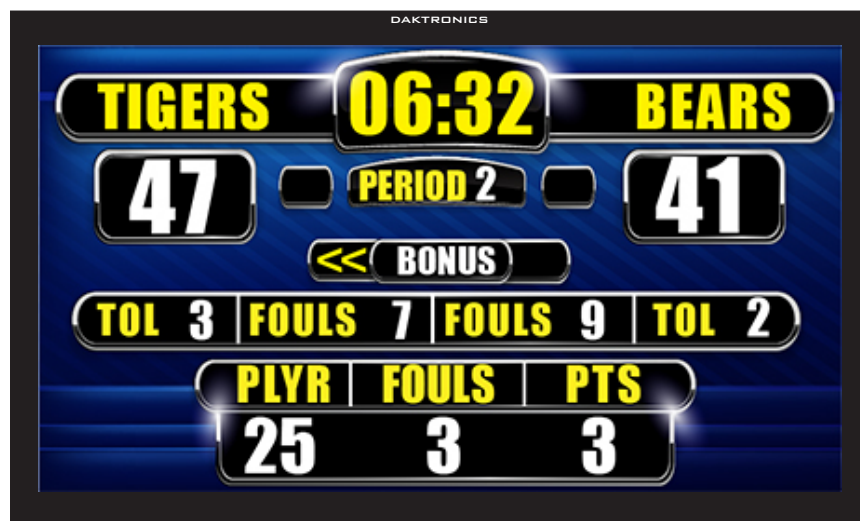
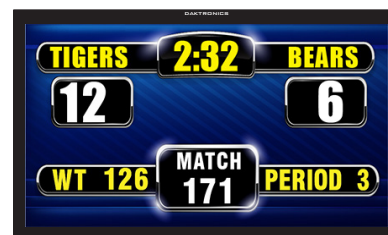


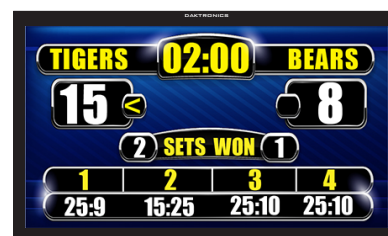
DVNMC 6MN INDOOR VIDEO DISPLAY WITH SHOW CONTROL SYSTEM



240 x 432 display in basketball scoring mode



240 x 432 display in volleyball scoring mode



240 x 432 display in wrestling scoring mode

Daktronics DVNMC series video display modules feature SMD (3-in-1) LED packages with 6 mm row and column spacing that provide wider viewing angles and closer viewing distances to prominently display exciting animations, colorful graphics, pre-recorded video clips, and text messages. Daktronics high-resolution indoor video displays are offered in 19 standard sizes with several flexible control options. Contact Daktronics to find the best display solution for your facility.

LINE/COLUMN SPACING:	0.26" (6.6 mm)
PIXEL CONFIGURATION:	RGB 3-in-1 SMD
DISPLAY POWER:	Varies by display size (see chart on page 2)
DISPLAY WEIGHT:	Varies by display size (see chart on page 2)
PROCESSING:	22 bit (distributed)
COLOR CAPACITY:	16 bit (281 trillion colors)
DIMMING:	256 levels
CALIBRATION:	Full depth, LED to LED
LED REFRESH RATE:	4,800 Hz
LED LIFETIME:	100,000 hours
CALIBRATED INTENSITY:	1600 nits (cd/m ²)
VIEWING ANGLE:	170° horizontal, +60°/-80° vertical
SERVICE ACCESS:	Front
CABINET DEPTH:	6" (152 mm)
CABINET CONSTRUCTION:	Steel and Aluminum (corrosion resistant)
CABINET COLOR:	150+ colors (from Martin Senour® paint book) at no additional cost
TEMPERATURE RATING:	-40° to 95° Fahrenheit (-40° to 35° Celsius)
COMMUNICATION:	Fiber Optic (50/125 µm multi-mode)
CONTROL SOFTWARE:	Show Control System, SCS-4000 (see DD1757723)
GRAPHIC CAPABILITY:	Audio-enabled video clips, animations, advertisements, logos & text (no live video)

WWW.DAKTRONICS.COM E-MAIL: SALES@DAKTRONICS.COM

201 Daktronics Drive, PO Box 5128, Brookings, SD 57006
Phone: 1-800-325-8766 or 605-692-0200 Fax: 605-697-4746
DD2356684 041620 Page 1 of 6



DVNMC 6MN INDOOR VIDEO DISPLAY WITH SHOW CONTROL SYSTEM

CABINET SIZE HEIGHT x WIDTH		ACTIVE AREA HEIGHT x WIDTH		MATRIX SIZE IN PIXELS		UNCRATED WEIGHT		POWER IN WATTS			
Feet	Meters	Feet	Meters	Rows	Columns	LB	KG	120V		240V	
								Max.	Avg.	Max.	Avg.
3 x 4	0.91 x 1.22	2.08 x 3.12	0.63 x 0.95	96 x 144		36	16.3	276	69	253	64
3 x 6	0.91 x 1.83	2.08 x 5.2	0.63 x 1.58	96 x 240		60	27.2	444	111	437	110
3 x 8	0.91 x 2.44	2.08 x 7.28	0.63 x 2.22	96 x 336		84	38.1	624	156	598	150
3 x 10	0.91 x 3.05	2.08 x 9.36	0.63 x 2.85	96 x 432		108	49.0	804	201	782	196
3 x 14	0.91 x 4.27	2.08 x 13.52	0.63 x 4.12	96 x 624		156	70.8	1152	288	1127	282
4 x 4	1.22 x 1.22	3.12 x 3.12	0.95 x 0.95	144 x 144		54	24.5	408	102	391	98
4 x 6	1.22 x 1.83	3.12 x 5.2	0.95 x 1.58	144 x 240		90	40.8	672	168	644	161
4 x 8	1.22 x 2.44	3.12 x 7.28	0.95 x 2.22	144 x 336		126	57.2	936	234	897	225
4 x 10	1.22 x 3.05	3.12 x 9.36	0.95 x 2.85	144 x 432		162	73.5	1200	300	1150	288
4 x 14	1.22 x 4.27	3.12 x 13.52	0.95 x 4.12	144 x 624		234	106.1	1728	432	1679	420
5 x 8	1.52 x 2.44	4.16 x 7.28	1.27 x 2.22	192 x 336		168	76.2	1248	312	1196	299
5 x 10	1.52 x 3.05	4.16 x 9.36	1.27 x 2.85	192 x 432		216	98.0	1596	399	1541	386
5 x 14	1.52 x 4.27	4.16 x 13.52	1.27 x 4.12	192 x 624		312	141.5	2304*	576*	2231	558
6 x 8	1.83 x 2.44	5.2 x 7.28	1.58 x 2.22	240 x 336		210	95.3	1560	390	1495	374
6 x 10	1.83 x 3.05	5.2 x 9.36	1.58 x 2.85	240 x 432		270	122.5	1992	498	1932	483
6 x 14	1.83 x 4.27	5.2 x 13.52	1.58 x 4.12	240 x 624		390	176.9	2880*	720*	2783	696
6.5 x 8	1.98 x 2.44	6.24 x 7.28	1.9 x 2.22	288 x 336		252	114.3	1860	465	1794	449
6.5 x 10	1.98 x 3.05	6.24 x 9.36	1.9 x 2.85	288 x 432		324	147.0	2388*	597*	2323	581
6.5 x 14	1.98 x 4.27	6.24 x 13.52	1.9 x 4.12	288 x 624		468	212.3	3456*	864*	3335	834
				UPGRADABLE TO LIVE VIDEO							

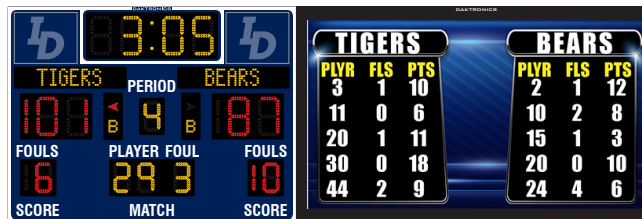
Notes:

- 1) 120V domestic displays marked with * require a 2-pole 120/240 VAC circuit directly hard-wired from a power panel. All other 120V domestic displays are shipped with a power cord and require a 20 A receptacle.
- 2) All 240V international displays require a single 20 A 230 VAC circuit directly hard-wired from a power panel. No 240V international displays have power cords.

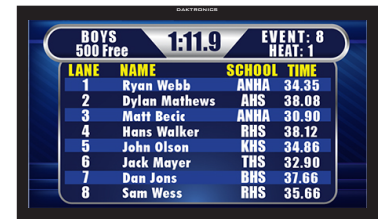
ALTERNATE APPLICATIONS & SCORING MODES



96 x 432 display shown with volleyball animation and scoreboard



240 x 432 display shown with basketball player stats and scoreboard



240 x 432 display shown with aquatics timing data

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DD2356684 041620 Page 2 of 6



DVNMC 6MN INDOOR VIDEO DISPLAY WITH SHOW CONTROL SYSTEM

CONTROL SYSTEM

LIVE DATA FEEDS

Integrate real-time data into creative media items to ensure content is fresh, informative and relevant.

PROVEN DIGITAL PROCESSING

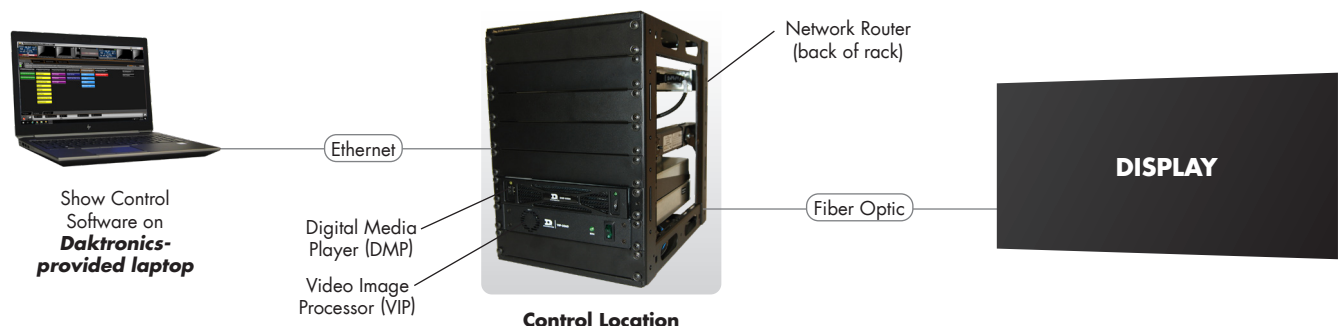
Designed specifically for the unique demands of LED technology, Daktronics processing technology offers the highest quality color accuracy, motion reproduction and image detail.

Storage	1 TB
Ports	USB 2.0 @4; USB 3.0 @2
Audio Output	Enabled (3-pin XLR balanced)
Dimensions	15" H x 10.65" W x 14" D (381 mm, 271 mm, 356 mm); 8RU
Weight	26 lbs (12 kg)
Power	120 VAC, 126 Watts (2 wall outlets required)

LAPTOP

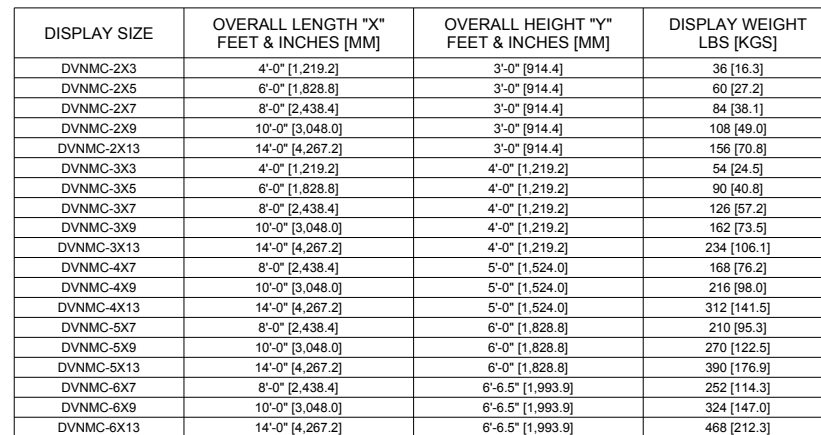
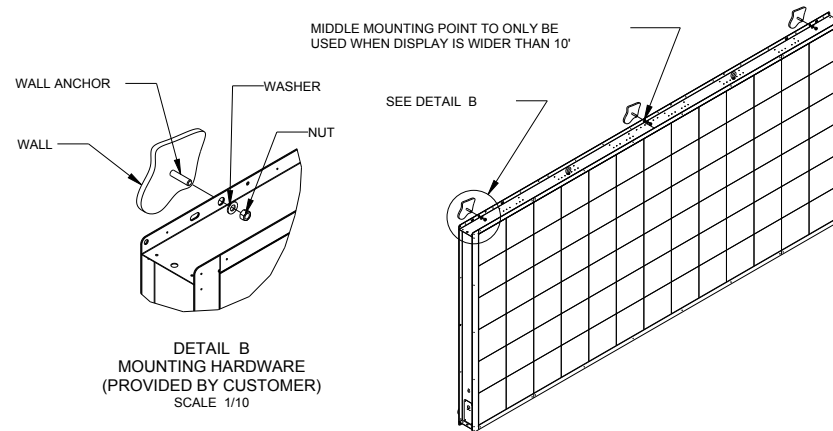
Operating System	Windows® 10 Pro 64
Processor	Intel® Core™ i5
Memory Support	16 GB DDR4-2666
Hard Drive	1 TB
Form Factor	HP ProBook 650 G5

NOTE: The control room is to be climate controlled by the customer. Normal operating temperature should be between 40° to 90° Fahrenheit (4° to 32° Celsius). Normal operating humidity should be less than 80% non-condensing. Storage temperature should be between -10° to 105° Fahrenheit (-23° to 41° Celsius). Storage humidity should be less than 95% non-condensing. Keep computers and monitors out of direct sunlight during storage. Allow control equipment taken out of storage to return to operating temperature range prior to turning it on (24 hours recommended).



FOR ADDITIONAL INFORMATION

- Mechanical Specifications: DWG-1107197 (attached)
- Power Specifications (Domestic): DWG-3851917 (attached)
- Power Specifications (International): DWG-3851918 (attached)
- Standard Media Kit: See [DD2382531](#)
- RealTime Data (RTD) Input Kits: See [DD1936413](#)
- Architectural Specifications: See [DD2813826](#)



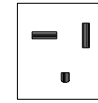
LIFT EYE CENTER-CENTER	
MODULE WIDTH	C-C DISTANCE "Z" FEET & INCHES [MM]
5 WIDE	2'-1" (635mm)
7 WIDE	2'-1" (635mm)
9 WIDE	3'-1.5" (952.5 mm)
13 WIDE	3'-1.5" (952.5 mm)

03	23 MAR 17	PER EC-23933: ADDED LIFT EYE LOCATIONS	RDF 18295
02	19 MAY 15	ADDED SEE DETAIL B NOTE	MTR
REV	DATE:		BY:

		THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS WITHOUT THE EXPRESS WRITTEN CONSENT OF DAKTRONICS, INC. OR ITS WHOLLY OWNED SUBSIDIARIES. COPYRIGHT 2017 DAKTRONICS, INC. (USA)		THIRD ANGLE PROJECT 	
PROJECT:	HIGH RESOLUTION INDOOR EMC				
TITLE:	MECHANICAL SPECS; DVMNC				
DATE:	23-MAR-17	DIM UNITS:	INCHES (MILLIMETERS)		
SCALE:	1/40	DO NOT SCALE DRAWING			SHEET 1 OF 1
DRAWN:	MCASRU	JOB NO:	FUNC. TYPE - SIZE		
DESIGN:	SC\HNAERF	P1705	E. 10. - B.		

11071917

DVNMC 6MM / 10MM				
SIZE	AMPS	WATTS	PIXELS (6MM)	PIXELS (10MM)
2X3	2.3	276	96X144	64X96
2X5	3.7	444	96X240	64X160
2X7	5.2	624	96X336	64X224
2X9	6.7	804	96X432	64X288
2X13	9.6	1152	96X624	64X416
3X3	3.4	408	144X144	96X96
3X5	5.6	672	144X240	96X160
3X7	7.8	936	144X336	96X224
3X9	10	1200	144X432	96X288
3X13	14.4	1728	144X624	96X416
4X7	10.4	1248	192X336	128X224
4X9	13.3	1596	192X432	128X288
5X7	13	1560	240X336	160X224
5X9	16.6	1992	240X432	160X288
6X7	15.5	1860	288X336	192X224



20A RECEPTACLE

THESE SMALLER DISPLAYS ONLY
USE A 20AMP 120VAC POWER CORD,
AND REQUIRE A 20AMP RECEPTACLE.
DETAIL SHOWN. 13' POWER CORD
PROVIDED BY DAKTRONICS.

SPEC TAG

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION				SUITABLE FOR SERVICING ONLY WHEN DE-ENERGIZED PUET FAIRE L'OBJET D'UN ENTRETIEN UNIQUEMENT S'IL EST HORS TENSION	
 	0A-****-**** (NEXT ASSIGNED #) (TODAY'S DATE MM/DD/YY) REV XX WORK ORDER NUMBER		DVNMC-334-HHHxWWW RMN: DAKT-0203-05 120V 60HZ MAX AMPS: #A MAX WATTS: ####W		
	DAKTRONICS 201 DAKTRONICS DR. BROOKINGS, SD PHONE 800-325-8766 LL-4132191 R00				

DVNMC 6MM / 10MM					
SIZE	L1 (A)	L2 (A)	WATTS	PIXELS (6MM)	PIXELS (10MM)
4X13	11.9	7.3	2304	192X624	128X416
5X13	14.9	9.1	2880	240X624	160X416
6X9	14.8	5.1	2388	288X432	192X288
6X13	16.4	12.4	3456	288X624	192X416

SPEC TAG

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION				SUITABLE FOR SERVICING ONLY WHEN DE-ENERGIZED PUET FAIRE L'OBJET D'UN ENTRETIEN UNIQUEMENT S'IL EST HORS TENSION	
 	0A-****-**** (NEXT ASSIGNED #) (TODAY'S DATE MM/DD/YY) REV XX WORK ORDER NUMBER		DVNMC-334-HHHxWWW RMN: DAKT-0203-05 120/240/208V~2P 60HZ MAX AMPS: #A - L1 / #A - L2 MAX WATTS: ####W		
	DAKTRONICS 201 DAKTRONICS DR. BROOKINGS, SD PHONE 800-325-8766 LL-4132191 R00				

THESE LARGER DISPLAYS REQUIRE
A 2-POLE 120/240VAC CIRCUIT (2
HOTS + 1 NEUTRAL + 1 GROUND)
DIRECTLY HARD-WIRED FROM A
POWER PANEL.

REV 03	DATE: 23 MAY 19	CN 80498 REMOVED 4MM DETAILS FROM DWG.	BY: JSF
REV 02	DATE: 14 MAY 19	PER CN-78856, UPDATED SPEC TAG.	BY: SMB
REV 01	DATE: 20 SEP 18	ADDED 4MM TO TABLE	BY: JWW

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PROJECT: DVNMC					
TITLE: POWER SPECIFICATIONS; DNVMC-334, 120V DOMESTIC					
DATE: 15 FEB 18		DIM UNITS: INCHES [MILLIMETERS]		SHEET	REV
SCALE: NTS		DO NOT SCALE DRAWING			03
DESIGN: JFIXSEN	JOB NO. P1705	FUNC - TYPE - SIZE E - 01 - A		3851917	
DRAWN: JFIXSEN					

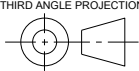
NO POWER CORDS FOR INTERNATIONAL MODELS.

DVNMC 6MM / 10MM				
SIZE	L1 (A)	WATTS	PIXELS (6MM)	PIXELS (10MM)
2X3	1.1	253	96X144	64X96
2X5	1.9	437	96X240	64X160
2X7	2.6	598	96X336	64X224
2X9	3.4	782	96X432	64X288
2X13	4.9	1127	96X624	64X416
3X3	1.7	391	144X144	96X96
3X5	2.8	644	144X240	96X160
3X7	3.9	897	144X336	96X224
3X9	5	1150	144X432	96X288
3X13	7.3	1679	144X624	96X416
4X7	5.2	1196	192X336	128X224
4X9	6.7	1541	192X432	128X288
4X13	9.7	2231	192X624	128X416
5X7	6.5	1495	240X336	160X224
5X9	8.4	1932	240X432	160X288
5X13	12.1	2783	240x624	160x416
6X7	7.8	1794	288x336	192x224
6X9	10.1	2323	288x432	192x288
6X13	14.5	3335	288x624	192X416

THESE SMALLER DISPLAYS ONLY USE
A SINGLE 20AMP 230VAC CIRCUIT
DIRECTLY HARD-WIRED FROM A
POWER PANEL.

SPEC TAG, 230V

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION			SUITABLE FOR SERVICING ONLY WHEN DE-ENERGIZED PUET FAIRE L'OBJET D'UN ENTRETIEN UNIQUEMENT S'IL EST HORS TENSION
	0A-****_**** (NEXT ASSIGNED #)	DVNMC-334-HHHxWWW	
	(TODAY'S DATE MM/DD/YY) REV XX	RMN: DAKT-0203-05	
	WORK ORDER NUMBER	230V 50HZ	
		MAX AMPS: #A-L1	
		MAX WATTS: #####W	
DAKTRONICS 201 DAKTRONICS DR. BROOKINGS, SD PHONE 800-325-8766			LL-4132191 R00

REV 02	DATE: 23 MAY 19	CN 80498 REMOVED 4MM DETAILS FROM DWG.	BY: JSF			
REV 01	DATE: 14 MAY 19	PER CN-78856, UPDATED SPEC TAG AND ADDED 4MM SIZES TO TABLE.	BY: SMB			
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PROJECT: DVNMC						
TITLE: POWER SPECIFICATIONS; DVNMC-334 240V INT'L						
DATE: 15 FEB 18	DIM UNITS: INCHES [MILLIMETERS]		SHEET	REV		
SCALE: NTS	DO NOT SCALE DRAWING			02		
DESIGN: JFIXSEN	JOB NO.	FUNC - TYPE - SIZE	3851918			
DRAWN: JFIXSEN	P1705	E - 01 - A				