

# UDM-W19

18,500 lumens, WUXGA, 3-chip DLP digital large venue projector



- Dazzling colors outperforming the Rec. 709 color space
- High residual value thanks to rugged design
- Remote fleet management and connectivity with Barco Insights
- Unified Pulse electronics with Single Step Processing

Just like the 22K version, the UDM-19K never compromises on the quality or brightness of your projection. The UDM-W19 features WUXGA resolution and 19,000 lumens light output to deliver impactful experiences with mind-blowing colors.

### Operational efficiency

Lift your creativity to unprecedented levels with the widest lens shift on the market and an extensive list of other peripherals which will facilitate a smooth installation and integration of the projector in your setup. Barco's unique FLEX2 feature allows you to tune and lock the brightness level or resolution for a specific show. The modular design supports fast maintenance and easy serviceability in the field.

### Pulse Electronics

With the Barco Pulse proprietary Single Step Processing technology warping, scaling and 4K UHD processing is done in only one step. The result? Razor-sharp images, market leading lowest latency, and less dark time than comparable solutions.

### Connectivity

The Insights Dashboard and remote log file access enables faster and more effective troubleshooting. Manage the brightness settings of your projector fleet and keep track of operating conditions anywhere and anytime through a secured cloud-based platform and integrated 3G connectivity.

### Long lifetime

Thanks to its robustness and the smart material choices, you can trust UDM to withstand the endurance of life on the road. With the laser phosphor light source, lamp-related costs and maintenance as well as image flicker, belong to the past. Barco's outstanding integrated laser cooling prevents overheating and the Constant Light Output functionality guarantees constant brightness and color across the projector's lifetime.

**ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ****UDM-W19**

<b>Тип проектора</b>	WUXGA 3-chip DLP digital projector
<b>Технология</b>	0.96" DMD™ x3
<b>Разрешение</b>	1,920 x 1,200
<b>Яркость</b>	18,500 center lumens / 17,800 ansi lumens / 20,000 ISO lumens*
<b>Уровень контрастности</b>	2200:1
<b>Однородность яркости</b>	95%
<b>Форматное соотношение</b>	16:10
<b>ScenergiX</b>	Horizontal and vertical edge blending
<b>Объективы</b>	TLD+ 0,37; 0,65-0,85; 0.73:1 ; 1.2:1 ; 0,8-1,16; 1,25 -1.6:1 ; 1.5-2.0:1 ; 2.0-2.8:1 ; 2.8-4.5:1 ; 4.5-7.5:1 ; 7.5-11.5:1
<b>Сдвиг оптической линзы</b>	Vertical between -100% to +130%, depending on lens  Horizontal up to +/-40%, depending on lens  Motorized zoom and focus (with lens memory on TLD lenses)  Motorized lens shift (with position memory on all lenses)
<b>Коррекция цвета</b>	P7
<b>Источник света</b>	Laser phosphor with inorganic phosphor wheel
<b>Срок эксплуатации ЖКИ</b>	>22,000 hrs
<b>Оптический затемнитель</b>	Digital + mechanical internal
<b>Picture-by-picture</b>	Two sources simultaneously
<b>Ядро Sealed DLP™</b>	Standard
<b>Ориентация</b>	360°
<b>DMX 512</b>	Standard
<b>WARP</b>	Direct adjust OSD + toolset
<b>Обработка изображений</b>	Embedded warp & blend
<b>Обработка</b>	Pulse electronics
<b>Коррекция трапецеидальных искажений</b>	Yes
<b>Встроенный веб-сервер</b>	Yes
<b>CLO (постоянная светоотдача)</b>	Standard
<b>3D</b>	Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz
<b>Вводы</b>	Single HDBaseT; HDMI2.0 (HDCP2.2, HDR10); DP1.2 (HDCP 1.3); Quad 3G/12G SDI/BarcoLink ULTRA
<b>Факультативные вводы</b>	Quad DP1.2 / Fiber SFP
<b>Разрешения входного сигнала</b>	From NTSC up to 4K (4,096 x 2,160)  Refresh rates:  24hz to 120 Hz 4K/4KUHD (4096 x 2160 / 3860 x 2400) to 240hz WQXGA (2560 x 1600)
<b>Максимальная частота обновления пикселей</b>	600 MHz
<b>Программные средства</b>	Projector Toolset + Android** app + iOS** app
<b>Контроль</b>	XLR wired + IR, RS232, Wifi**, GSM **

**ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ****UDM-W19**

<b>Соединение сети</b>	10/100 base-T, RJ-45 connection, Wifi**
<b>Требования к источнику питания</b>	120-160 V (reduced power) 18.5A / 200-240V (+/-10%), 13.5A, 50-60Hz
<b>Максимальная потребляемая мощность</b>	1700W nom/ 2250w max @230 volts ECO STBY 1560W nom/ 1950w max @120 volts ECO STBY
<b>Уровень шума (номинал при 25 °C / 77 °F)</b>	49 dB(A)
<b>Температура окружающей среды при эксплуатации</b>	0-40°C / 32°-104°F***
<b>Влажность при эксплуатации</b>	0-80% (non condens)
<b>Рассеяние БТЕ</b>	max. 6,500 BTU/h
<b>Габариты (WxLxH)</b>	725 x 540 x 339 mm / 28.54 x 21.25 x 13.36 inches
<b>Транспортировочные габариты</b>	incl. pallet  (WxLxH) 850 x 665 x 613 mm / 33.46 x 26.18 x 24.13 inches
<b>Вес</b>	48 kg (105 lbs) / shipping weight from factory: 61 kg (134 lbs)
<b>Стандартные аксессуары</b>	Power cord, wireless / XLR wired rugged remote control
<b>Сертификаты</b>	Compliant with UL60950-1 and EN60950-1, complies with FCC rules & regulations, part 15 Class A and CE EN55032 Class A, Rohs
<b>Гарантия</b>	3 years
<b>Примечания</b>	*Brightness levels +/-10%  ** Wifi and GSM options are not available in all countries. Check with your Barco representative for more info.  ***at higher altitude light output might be dimmed

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