

## **COBALT LED CABINETS**

The COBALT is the ideal outdoor LED cabinet, and therefore the ideal choice for your MOBILE TRUCK. With a brightness going up to 10000 NITS (the highest on the market), IP68 (totally waterproof and dust-proof), and a pixel pitch ranging from P6.6 to P8 (ideal for good visibility at medium and long-range), the COBALT is one of our best selling products. Furthermore, it's light and slim enough to allow the screen's deploying system to work easily. This LED cabinet can be maintained both from the front and back, making your MOBILE TRUCK's maintenance easier.



The semi-trailer MOBILE TRUCK is designed for the LED screen to fit into it. This mobile solution gives you the ability to move and integrate a giant LED screen in a record time, making it ideal for shows, festivals, races, ephemeral drive-in theaters, etc.



APPLICATION OUTDOOR

INGRESS PROTECTION

**IP68** 

PIXEL PITCH

P6.6 P8

DIMENSION (WXHXD)

10560 X 5760 X 200 MM (SCREEN)

**MOBILE TRUCK** 

BRIGHTNESS

≤ 10000NITS (LED TYPE SMD)

KG

WEIGHT

1584 KG (LED PARTS)

MATERIAL

**GALVANIZED STEEL** 

The MOBILE TRUCK is the biggest product of our mobile LED truck range. It is a very peculiar solution, that will nonetheless fit many different projects. The chassis, the mast, and the support structure are specially designed to allow your mobile LED screen to fold into and unfold out of the truck. Your LED screen can thus be transported safely like any other cargo, and offer a 60sqm display surface once deployed, clearly visible from afar. This LED truck is ideal for rental use, as it allows you to integrate a giant LED screen in an ephemeral event.



## HIGH RESILIENCE

Every element of the MOBILE TRUCK, from the LED cabinets to the mast, to the chassis, are designed to ensure your LED screen's integrity. Such a large display surface is submitted to the weather conditions as well as to extreme pressure from the wind. Nonetheless, you can be sure that none of these will impact your MOBILE TRUCK's condition, nor its ability to perform.



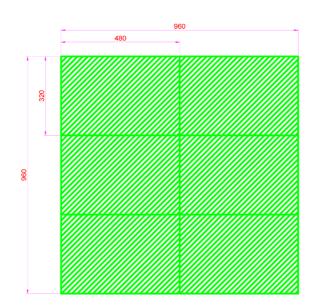
Ingress Protection			OUTDOOR .		
LED         SMD2727         SMD3535           Application         Out-or           Ingress Protection         IP         IP68           Brightness         cd/sqm         ≤ 10000 Nits @Svolts           Color Temperature after calib (adjustable)         deg. K         55000 Nits @Svolts           Color Temperature after calib (adjustable)         deg. K         180 H / 180 V           Cabinet Size (Wsh-Wb) in mm         mm         10560 x 5760 x 200 mm           Module Size (Wsh-Wb) in mm         mm         9600 x 101 mm           Pixel Matrix Per Gobinet (W x H)         px         1584 x 864         1320 x 720           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584 x 864         1320 x 720           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         15625	Product Parameters	Unit	P6.6	P8	
Application   Ingress Protection   IP   IP68   IP	Pixel Pitch	mm	6,67	8,00	
Ingress Protection	LED		SMD2727	SMD3535	
Brightness         cd/sqm         ≤ 10000 Nits @Svolts           Color Temperature after calib (adjustable)         deg. K         6500           Viewing Angle (50% brightness)         deg.         180 H / 180 V           Cabinet Size (WxHxD) in mm         mm         10560 x 5760 x 200 mm           Module Size (WxHxD) in mm         mm         960 x 960 x 101 mm           Pixel Matrix Per Cabinet (Wx Hr)         px         1584 x 864         1320 x 720           Pixel Matrix Per Module (Wx Hr)         px         144 x 144         120 x 120           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584           Cabinet Material         Die casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Filber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         Ac88-230V           M	Application		Outdoor		
Color Temperature after calib (adjustable)         deg. K         6500           Viewing Angle (50% brightness)         deg. 180 H / 180 V           Cabinet Size (WxHxD) in mm         mm         10560 x 960 x 101 mm           Pixel Matrix Per Cabinet (Wx H)         px         1584 x 864         1320 x 720           Pixel Matrix Per Cabinet (Wx H)         px         144 x 144         120 x 120           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584           Cabinet Material         Dic casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         16           Brightness control         bit         16           Brightness control         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Video Frame Rate         Hz         50/60Hz	Ingress Protection	IP	IP68		
Viewing Angle (50% brightness)         deg.         180 H / 180 V           Cabinet Size (WxHxD) in mm         mm         10560 x 5760 x 200 mm           Module Size (WxHxD) in mm         mm         960 x 960 x 101 mm           Pixel Matrix Per Cabinet (Wx H)         px         1584 x 864         1320 x 720           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584           Cabinet Material         Die casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max-Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 200W / Can change with calibration           Control Mode         Synchronization         Yes <td>Brightness</td> <td>cd/sqm</td> <td colspan="2">≤ 10000 Nits @5volts</td>	Brightness	cd/sqm	≤ 10000 Nits @5volts		
Cabinet Size (WxHxD) in mm         mm         10560 x 5760 x 200 mm           Module Size (WxHxD) in mm         mm         960 x 960 x 101 mm           Pixel Matrix Per Cabinet (Wx H)         px         1584 x 864         1320 x 720           Pixel Matrix Per Module (Wx H)         px         144 x 144         120 x 120           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584         1584           Cabinet Material         Bic casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 200W/ Can change with calibration           Control Mode         Synchronization           Video	Color Temperature after calib (adjustable)	deg. K	6500		
Module Size (WxHxD) in mm         mm         960 x 960 x 101 mm           Pixel Matrix Per Gabinet (W x H)         px         1584 x 864         1320 x 720           Pixel Matrix Per Module (W x H)         px         144 x 144         120 x 120           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584           Cabinet Material         Die casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Control Mode         Synchronization         V	Viewing Angle (50% brightness)	deg.	180 H / 180 V		
Pixel Matrix Per Cabinet (W x H)         px         1584 x 864         1320 x 720           Pixel Matrix Per Module (W x H)         px         144 x 144         120 x 120           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584           Cabinet Material         Die casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         ACR5-230V           Wax. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 200W / Can change with calibration           Control Mode         W         Estimation: 200W / Can change with calibration           Video Frame Rate         Hz         50/60Hz           Input Types Supported         DVI / SDI / HDMI<	Cabinet Size (WxHxD) in mm	mm	10560 x 5760 x 200 mm		
Pixel Matrix Per Module (W x H)         px         144 x 144         120 x 120           Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584           Cabinet Material         Die casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 200W / Can change with calibration           Video Frame Rate         Hz         50/60Hz           Input Types Supported         DVI / SDI / HDMI           3D ready (optional)         Yes           Calibration         Yes <td< td=""><td>Module Size (WxHxD) in mm</td><td>mm</td><td colspan="2">960 x 960 x 101 mm</td></td<>	Module Size (WxHxD) in mm	mm	960 x 960 x 101 mm		
Pixel Density         px/sqm         22500         15625           Weight of cabinet         kg         1584           Cabinet Material         Die casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 200W / Can change with calibration           Control Mode         Synchronization           Video Frame Rate         Hz         50/60Hz           Input Types Supported         DVI / SDI / HDMI         Yes           Calibration         Yes           Calibration         Yes           Lifetime (50% brightness)         h         50000           Operating Humidity Range	Pixel Matrix Per Cabinet (W x H)	рх	1584 x 864	1320 x 720	
Weight of cabinet Cabinet Material Maintenance Mode Front and Back Mask specification High Grey scale (linear) Bit 16 Brightness control Bit 16 Brightness control Bit 16 Color Frocessing depth Bit 16 Color Front and Back Mask Price Strews / Shaders  All Trillions Display Refresh Rate Hz 3840  Operation Power V AC85-230V Max. Power Consumption per cabinet W Estimation: 550W / Can change with calibration Average Power Consumption per cabinet W Estimation: 200W / Can change with calibration Video Frame Rate Hz 50/60Hz Input Types Supported JDVI / SDI / HDMI JD Pedy (optional) Yes Calibration Viges Lifetime (50% brightness) h 50000 Operating Humidity Range Operating Humidity Range Front and Back Front	Pixel Matrix Per Module (W x H)	рх	144 x 144	120 x 120	
Cabinet Material         Die casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 200W / Can change with calibration           Control Mode         Synchronization         Synchronization           Video Frame Rate         Hz         50/60Hz           Input Types Supported         DVI / SDI / HDMI           3D ready (optional)         Yes           Calibration         Yes           Lifetime (50% brightness)         h         500000           Operating Humidity Range         10-95%           Operating Temperature Range         -20°C / +60°C           Screen Uniformity Correction         EMC CLA	Pixel Density	px/sqm	22500	15625	
Cabinet Material         Die casting aluminum           Maintenance Mode         Front and Back           Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 200W / Can change with calibration           Control Mode         Synchronization           Video Frame Rate         Hz         50/60Hz           Input Types Supported         Hz         50/60Hz           Spready (optional)         Yes           Calibration         Yes           Lifetime (50% brightness)         h         50000           Operating Humidity Range         10-95%           Operating Temperature Range         2-0°C/+60°C           Screen Uniformity Correction         EMC CLASS B / CE / ETL / CCC <td>Weight of cabinet</td> <td>kg</td> <td colspan="2">1584</td>	Weight of cabinet	kg	1584		
Mask specification         95% Plastic + 5% Fiber / SS Screws / Shaders           Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 200W / Gan change with calibration           Control Mode         Synchronization         Synchronization           Video Frame Rate         Hz         50/60Hz           Input Types Supported         DVI / SDI / HDMI         Post           3D ready (optional)         Yes         Calibration         Yes           Calibration         Yes         Calibration Fine (50% brightness)         h         50000           Operating Humidity Range         10-95%         Operating Temperature Range         -20°C / +60°C           Screen Uniformity Correction         EMC CLASS B / CE / ETL / CCC           Available options         -	Cabinet Material		Die casting aluminum		
Contrast Ratio         High           Grey scale (linear)         bit         16           Brightness control         bit         16           Processing depth         bit         16           Color         281 Trillions           Display Refresh Rate         Hz         3840           Operation Power         V         AC85-230V           Max. Power Consumption per cabinet         W         Estimation: 550W / Can change with calibration           Average Power Consumption per cabinet         W         Estimation: 200W / Can change with calibration           Control Mode         Synchronization           Video Frame Rate         Hz         50/60Hz           Input Types Supported         DVI / SDI / HDMI           3D ready (optional)         Yes           Calibration         Yes           Lifetime (50% brightness)         h         500000           Operating Humidity Range         10-95%           Operating Temperature Range         -20°C / +60°C           Screen Uniformity Correction         -           Certification         EMC CLASS B / CE / ETL / CCC	Maintenance Mode		Front and Back		
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Display Refresh Rate Operation Power V AC85-230V  Max. Power Consumption per cabinet W Estimation: 550W / Can change with calibration  Average Power Consumption per cabinet W Estimation: 200W / Can change with calibration  Control Mode Synchronization  Video Frame Rate Hz S0/60Hz Input Types Supported Input Types Supported DVI / SDI / HDMI 3D ready (optional) Yes Calibration Yes Lifetime (50% brightness) h 50000 Operating Humidity Range Operating Temperature Range Screen Uniformity Correction Certification EMC CLASS B / CE / ETL / CCC Available options  Average Power Consumption V Estimation: 550W / Can change with calibration Estimation: 550W / Can change with calibration  Estimation: 550W /	Processing depth	bit	16		
Operation Power V AC85-230V  Max. Power Consumption per cabinet W Estimation: 550W / Can change with calibration  Average Power Consumption per cabinet W Estimation: 200W / Can change with calibration  Control Mode Synchronization  Video Frame Rate Hz 50/60Hz  Input Types Supported DVI / SDI / HDMI  3D ready (optional) Yes  Calibration Yes  Lifetime (50% brightness) h 50000  Operating Humidity Range 10-95%  Operating Temperature Range -20°C / +60°C  Screen Uniformity Correction EMC CLASS B / CE / ETL / CCC  Available options -	Color		281 Trillions		
Max. Power Consumption per cabinet  Average Power Consumption per cabinet  W Estimation: 550W / Can change with calibration  Synchronization  Video Frame Rate  Hz Sol/60Hz Input Types Supported  DVI / SDI / HDMI  3D ready (optional)  Yes  Calibration  Yes  Lifetime (50% brightness)  h Solooo  Operating Humidity Range  Operating Temperature Range  Screen Uniformity Correction  Certification  EMC CLASS B / CE / ETL / CCC  Available options  Estimation: 550W / Can change with calibration  Synchronization  Synchronization  Synchronization  Yes  50/60Hz  DVI / SDI / HDMI  Yes  10-95%  10-95%  EMC CLASS B / CE / ETL / CCC	Display Refresh Rate	Hz	3840		
Average Power Consumption per cabinet  Control Mode  Synchronization  Video Frame Rate  Hz  Sol/60Hz  Input Types Supported  DVI / SDI / HDMI  3D ready (optional)  Calibration  Yes  Calibration  Yes  Lifetime (50% brightness)  Dyin Home  Dyin Home  Tops  Top	Operation Power	V	AC85-230V		
Control Mode  Video Frame Rate  Hz  Synchronization  Video Frame Rate  Hz  Input Types Supported  DVI / SDI / HDMI  3D ready (optional)  Yes  Calibration  Yes  Lifetime (50% brightness)  h  Operating Humidity Range  Operating Temperature Range  Screen Uniformity Correction  Certification  EMC CLASS B / CE / ETL / CCC  Available options  Synchronization  Yes  DVI / SDI / HDMI  Types  DVI / SDI / HDMI  Types  Type	Max. Power Consumption per cabinet	W	Estimation: 550W / Can change with calibration		
Video Frame Rate     Hz     50/60Hz       Input Types Supported     DVI / SDI / HDMI       3D ready (optional)     Yes       Calibration     Yes       Lifetime (50% brightness)     h     50000       Operating Humidity Range     10-95%       Operating Temperature Range     -20°C / +60°C       Screen Uniformity Correction     -       Certification     EMC CLASS B / CE / ETL / CCC       Available options     -	Average Power Consumption per cabinet	W	Estimation: 200W / Can change with calibration		
Input Types Supported  3D ready (optional)  Calibration  Lifetime (50% brightness)  N  Operating Humidity Range  Operating Temperature Range  Screen Uniformity Correction  Certification  EMC CLASS B / CE / ETL / CCC  Available options  DVI / SDI / HDMI  Yes  1098  1098  1095%  -20°C / +60°C  EMC CLASS B / CE / ETL / CCC	Control Mode		Synchronization		
3D ready (optional)  Calibration  Yes  Lifetime (50% brightness)  h  50000  Operating Humidity Range  10-95%  Operating Temperature Range  Cerem Uniformity Correction  Certification  Available options  Yes  10-95%  EMC CLASS B / CE / ETL / CCC	Video Frame Rate	Hz	50/60Hz		
Calibration         Yes           Lifetime (50% brightness)         h         50000           Operating Humidity Range         10-95%           Operating Temperature Range         -20°C / +60°C           Screen Uniformity Correction         -           Certification         EMC CLASS B / CE / ETL / CCC           Available options         -	Input Types Supported		DVI / SDI / HDMI		
Lifetime (50% brightness) h 50000 Operating Humidity Range 10-95% Operating Temperature Range -20°C / +60°C Screen Uniformity Correction - Certification EMC CLASS B / CE / ETL / CCC Available options -	3D ready (optional)		Yes		
Operating Humidity Range 10-95% Operating Temperature Range -20°C / +60°C Screen Uniformity Correction - Certification EMC CLASS B / CE / ETL / CCC Available options -	Calibration		Yes		
Operating Temperature Range -20°C / +60°C Screen Uniformity Correction - Certification EMC CLASS B / CE / ETL / CCC Available options -	Lifetime (50% brightness)	h	50000		
Screen Uniformity Correction - Certification EMC CLASS B / CE / ETL / CCC Available options -	Operating Humidity Range		10-95%		
Certification EMC CLASS B / CE / ETL / CCC Available options	Operating Temperature Range		-20°C / +60°C		
Available options -	Screen Uniformity Correction		·		
·	Certification		EMC CLASS B / CE / ETL / CCC		
Compatibility -	Available options			-	
	Compatibility			-	

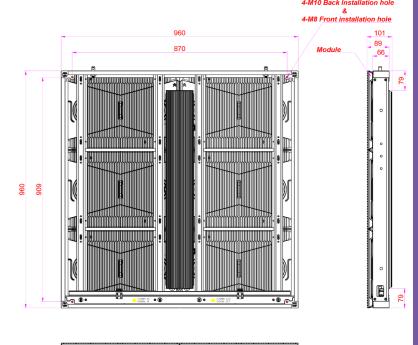


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## TECHNICAL DRAWINGS

## COBALT CABINETS





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