D-SERIES

APPOTRONICS | ALPD®

HIGH BRIGHTNESS FIXED INSTALL PROJECTOR

Excellent Performance Incredible Value

- Superior Picture Quality
- Easy to Install
- Cinema Level Reliability
- WUXGA Resolution
- 4G Module/Wireless Control
- APCS Platform

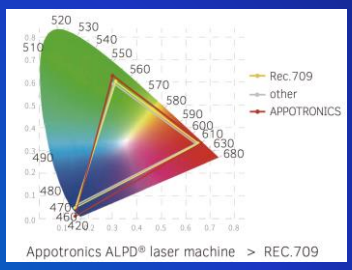
Best Value 1- Chip DLP Laser Installation Projector

- **The Signature ALPD Engine**
- **7,300 – 9,300 lumens**
- **New User-Friendly OSD**
- **Internal 4G Module**
- **Red ratio above 10% to provide high saturation colors:**

TI Color Ratios Recommendation

Color Ratios	Good	Medium	Fail
R / W	>10%	10%-6%	<6%
G / W	>40%	40%-30%	<30%
B / W	>3%	3%-1%	<1%
C / W	>43%	43%-31%	<31%
M / W	>13%	13%-7%	<7%
Y / W	>80%	80%-36%	<36%

- **Coverage beyond Rec 709. More accurate and stable color rendition**

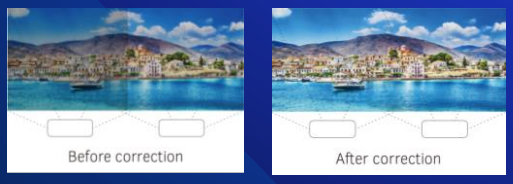


Red coordinates deviates from Rec. 709 , orangish red

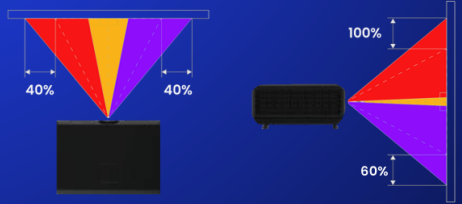
Excellent Performance in Installations

- **Optional Lenses:**
  Added two short-throw optional lenses to adapt to installations in smaller spaces.

- **Multi-color correction provides color/brightness uniformity for any blended pictures:**
  With RGBYCMW seven-axis color correction users can easily adjust the pictures to reach the desired uniformity.



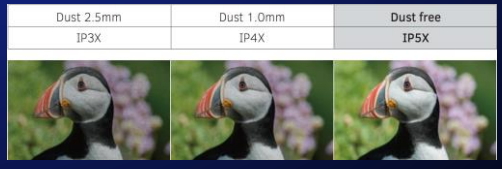
- **APCS (Appotronics Projectors Control System)**
  - Projector O&M, monitoring and interconnection management platform
  - Free APP for computer, tablet and phone
  - Management and monitor on cloud platform or app
- **Wide Range Manual Lens Shift**
  H & V manual lens shift at ±40% (vertical) and +100%, -60% (horizontal).



- **All products support 3D**
  Support infrared 3D and DLP-link 3D.

Cinema Level Reliability

- **Fully sealed optical engine with filter-free anti-dust structure**
  IP5X level sealed optical engine from the light source to the core display chip area.
- **The all-new patented inner loop color-wheel cooling system**



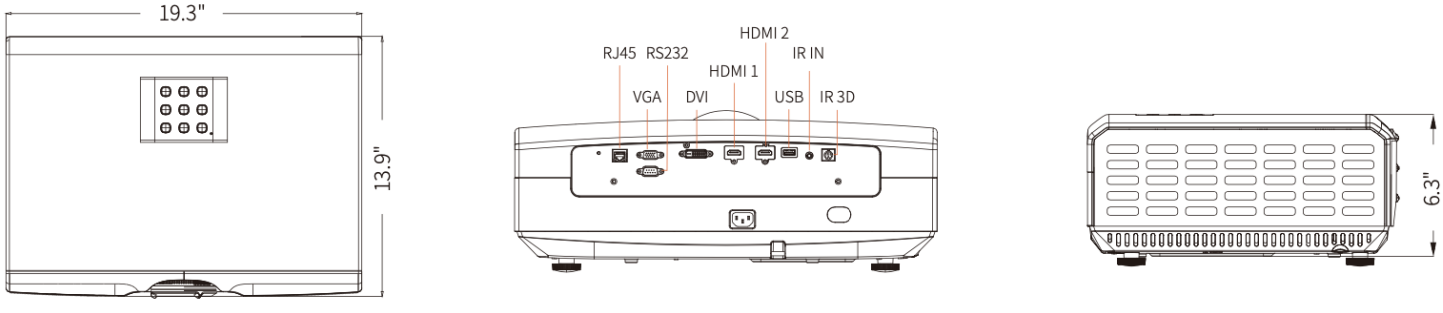
TEG™ Transformation Entertainment Group

SPECIFICATIONS

Model		AL-DU735A	AL-DU835A	AL-DU935A
Display Technology		DLP™x1, DLP™ projection system		
Panel Size		0.67"DMD		
Resolution		1,920×1,200, WUXGA		
Brightness Output①		7,300lm/7,600lm (Center)	8,300lm/8,600lm (Center)	9,000lm/9,300lm (Center)
Light Source Type		ALPD® Laser		
Life Source Lifetime⑥		20,000h		
Contrast②		100,000 :1		
Uniformity		90%		
Display Gamut		REC.709		
Lens Throw Ratio		Powered lenses 0.62:1, 0.8:1, 1.23-1.97:1		
Screen Size		80" ~ 300"		
Geometric Correction		H+V: ±35°, 4-corner keystone		
Optical Axis Shift		Vertical: down 100%, up 60%: Horizontal: ±40%, powered		
Input Resolution		1,920x1,200		
I/O		DVI × 1 / HDMI × 2 / VGA × 1 / RS232 × 1 / M3 × 1 / RJ45 × 1 / USB × 1 / IR 3D out × 1		
Power Supply		100-240V AC, 50/60Hz		
Power Consumption	Standard	≤ 500W	≤ 550W	≤ 600W
	Stand by	< 0.5W		
Orientation		360° installation		
Noise		35dB (standard mode)		
Structure	Measurements③	19.3" × 13.9" × 6.3"		
	Weight④	≤ 28.7 lbs	≤30.9 lbs	≤30.9 lbs
Orientation	Temperature⑤	32°F~104°F (95°F~104°F ECO mode)		
	Humidity	20%~80% (no condensation)		

① Based on ISO21118 standard. ② Full white/full black. ③ Not including protruding parts. ④ Including standard lens. Average value. ⑤ Operation temperature will be set to 32°F~95°F when working under High Altitude Mode. Output of projector will be reduced to 50% if ambient temperature exceeds 95°F. ⑥ The output of the projector will have decreased by approximately 50% around this time. Data from accelerated lab simulations. Actualtime may vary according to the operating modes, environment and other user behaviors.

I/O & Dimensions



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