APPOTRONICS®

# Excellent Performance Incredible Value

## D Pro Series High Brightness Installation Projector

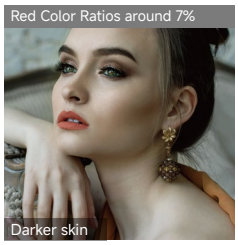
Brightness and Feature Enhancements

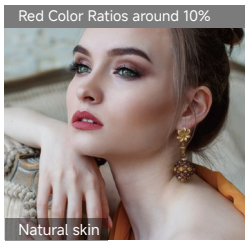
- Superior Picture Quality
- Easy to Install
- Cinema Level Reliability
- WUXGA Resolution
- APCS Platform

## Best Value 1- Chip DLP Laser Installation Projector

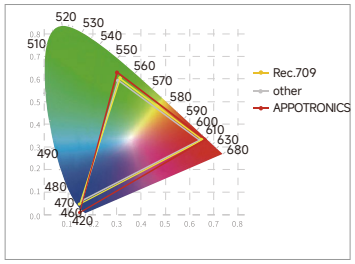
- The Signature ALPD Engine
- New User-Friendly OSD
- 7,300 – 9,300 lumens

### Red ratio above 10% to provide high saturation colors

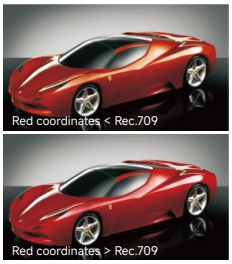




### Coverage beyond Rec 709. More accurate and stable color rendition



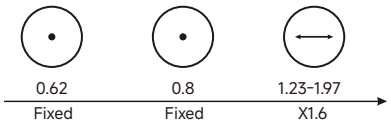

Red coordinates deviates from Rec.709 , orangish red




## Excellent Performance in Installations

### Optional Lenses

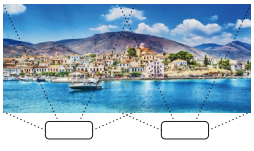
Added two short throw optional lenses to adapt to installations in smaller spaces.




### 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.

Before correction



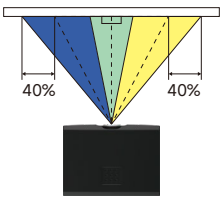
After correction

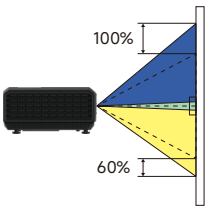
### APCS(Appotronics Projectors Control System)

· 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% (horizontal) and +100%, -60% (vertical).




### 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

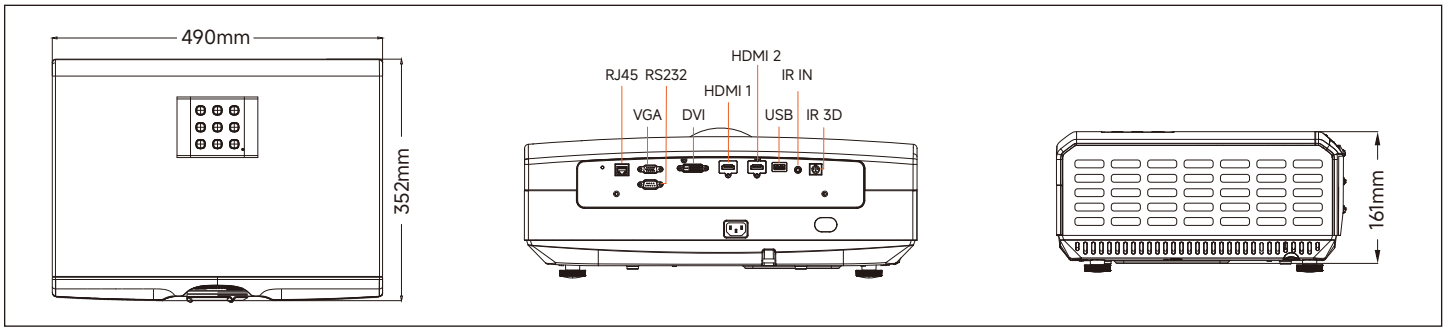
| Dust 2.5mm | Dust 1.0mm | Dust free |
|---|---|---|
| IP3X | IP4X | IP5X |

## Technical Specifications

| Model | | AL-DU735A | AL-DU835A | AL-DU935A |
|---|---|---|---|---|
| Display Technology | | DLP™ ×1, 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 | | |
| Light Source Lifetime⑥ | | 20,000h | | |
| Contrast② | | 100,000:1 | | |
| Uniformity | | 90% | | |
| Display Gamut | | REC.709 | | |
| Lens Throw Ratio | | 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: up 100%, down 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 |
| | Standby | < 0.5W | | |
| Orientation | | 360° installation | | |
| Noise | | 35dB (standard mode) | | |
| Structure | Measurements③ | 490mm x 352mm x 161mm | | |
| | Weight④ | ⩽13kg | ⩽14kg | |
| Working Environment | Temperature⑤ | 0°C~40°C (35°C~40°C 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 0°C~ 35°C when working under High Altitude Mode. Output of projector will be reduced to 50% if ambient temperature exceeds 35°C. ⑥ The output of the projector will have decreased by approximately 50% around this time. Data from accelerated lab simulations. Actual time may vary according to the operating modes, environment and other user behaviors.

## I/O & Dimensions





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