

Full Lens Protection By Sliding Cover

- Protection of lens for long lasting vivid image & life, humanistic design of sliding cover fades away the possibility of lost of cover.

Wireless Remote Control—Easy Function

- Comfort business presentation available by simple connection with a USB type B cable, instant remote control on images

4 Auto Functions

- Image auto reversal
- Keystone correction
- Signal sourcing
- Image synchronization

Luxury Humanistic Design

- Multi languages on OSD menu;
- Mute, image freezing, zoom in/out, image drag
- Anti-theft function
- Colour board functions
- Various colour modes for different professional requirements
- Free setting on splash screen
- Innovative image size adjustment through OSD manu in a fixed distance, great improvement for ceiling installation
- Free option for blank screen background (white, red, green, blue...)
- Compatible with 16:9 for cinema mode; Native with 4:3
- Keypad lock for easier maintenance
- Intelligent auto power off with failure in sourcing signals, save your operation cost

MODEL	DS410	DX420	DX430
Display Tech.	0.55" SVGA DMD	0.55" XGA DMD	0.55" XGA DMD
Native Resolution	SVGA(800×600)	XGA(1024×768)	XGA(1024×768)
Brightness	3,000 Ansi lumens	3,000 Ansi lumens	3,500 Ansi lumens
Contrast Ratio	2600:1 (FW/FB ANSI Digital)	2600:1 (FW/FB ANSI Digital)	2600:1 (FW/FB ANSI Digital)
Uniformity	95%	95%	95%
Lamp	230W	230W	280W
Dimension	270×230×80mm	270×230×80mm	270×23×80mm
N.W.	<2.8Kg	<2.8Kg	<2.8Kg
Noise	<35dB	<35dB	<35dB
Projection Method	Rear/Front/Ceiling	Rear/Front/Ceiling	Rear/Front/Ceiling
Lamp Replacement	Front Cover	Front Cover	Front Cover
Input	VGA/ S-VIDEO/ AV/ RS232	2×VGA/ S-VIDEO/ AV/ USB/ RS232	2×VGA/ S-VIDEO/ AV/ USB/ RS232
Output	VGA	VGA	VGA
PC Compatibility	VGA, SVGA, XGA, SXGA	VGA, SVGA, XGA, SXGA	VGA, SVGA, XGA, SXGA
Video Compatibility	NTSC: M 4.43; PAL: B, G, H, I, M, N; SECAM:M,720p, 576p, 576i, 480p, 480i ,1080i		
Scale Ratio	4:3 (Standard) / 16:9(Compatible)		
Lens	Manual focus/Digital zoom in & out		
Keystone Correction	Vertical ±15°		
Throw Ratio	1.46~1.70		
Projection Distance	1.6m~11.8m		
Projection Size	40"~300" (Diagonal)		
H./V. Scan. Freq.	15~110 Khz / 50~80 Hz		
Power	280W/100V 240V @ 50~60Hz		
Working/Storage Temp.	5℃~35℃ (41°F~95 °F) / -20℃~60℃ (-40 °F~140 °F)		
OSD Languages	English, Chinese GB/TD, German, Japanese etc		
Standard Accessories	User manual, Remote control, Battery, VGA cable, Power cable		

Authorized Distributor:



PROJECTION SPECIALIST ACTO PROJECTOR

TOLL FREE (CHINA)  
**400 700 4666**

www.actochina.com

NB: Finalise of specifications are advised by shipping cartons, please confirm with your local distributor before ordering. ACTO bears no responsibilities as consequences of faulty information above.

DNS:212.103.54.82 001

Perfection for education & business

HIGHBANDWIDTH

DS410 DX420 DX430

ACTO, your pal for interactives



# Education • Business

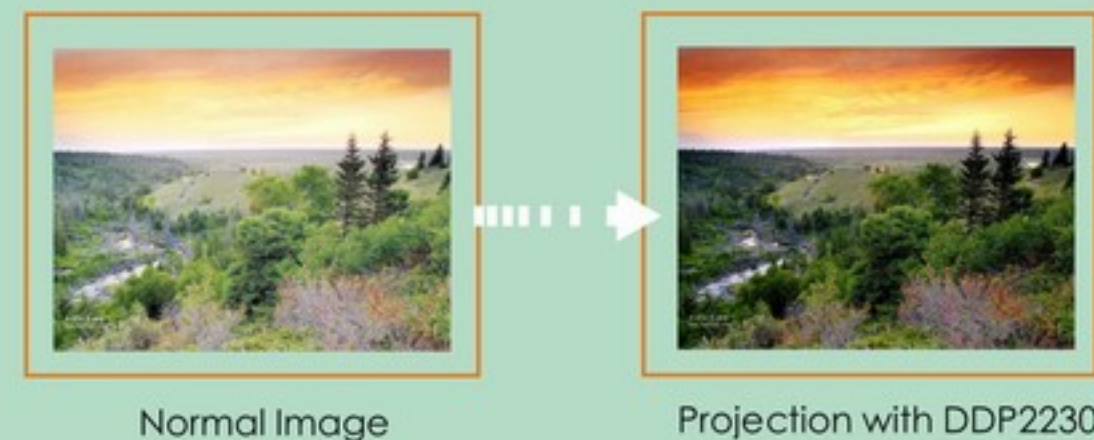
## Perfection in Commercials

DS410 DX420 DX430

### BrilliantColour — DMD Chip DDP2230

ACTO adopts TI third-generation higher-order integrated image DDP2230 processor, dynamic processing image compression capacity, optimal frame rate conversion of 3:2/2:3, speckles removable etc, the pictures perform more smooth and stable and reduce noise, furthermore enhance colour brightness.

- Purity enhancement for best image quality
- Strong adaptability
- DMD chip with long spanlife



### Projection Vivid — 6 Colour Segments

By adopting 6 color wheel technology, D4 series have greatly enlarged color range & color precision through strengthening performance of the RGB color and yellow, images are projected more vivid and brightness



### Instant Release — Intelligent power off protection

In circumstances of any sudden power off, cooling fans keep working for heat disperse and protect bulb

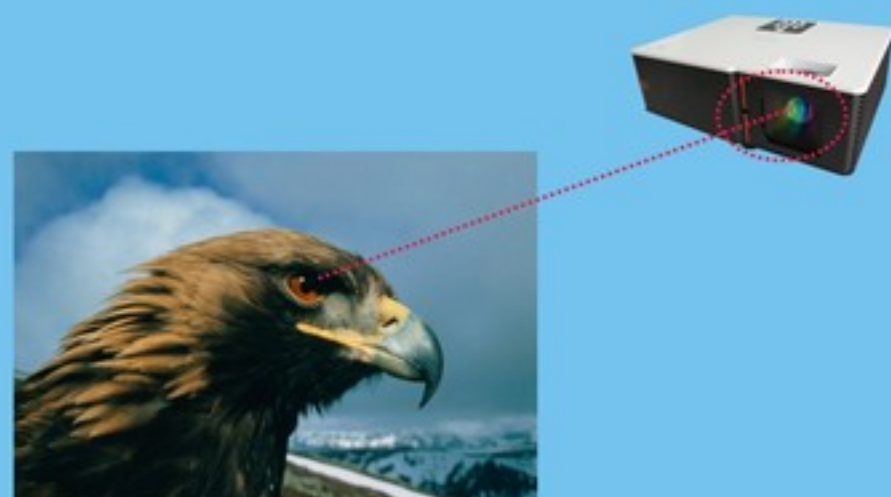
- Instant off & go
- Unnecessary to wait for cooling, enhance time efficiency
- Avoid accumulation of mercury of irregular power discontinue



Circumstances of mercury accumulation  
Increase explosion possibility of lamp  
Increase on failures lamp lightening  
Reducing lamp life  
Flickering images

### Clarity Imaging — Carl Zeiss for precision presentation

Carl Zeiss noble German brand precision image processing enhances uniformity up to 95%.



- Small volume lens for streamline projector design
- Excellence in light focus, ultra clear image processing
- High heat resistance, improvement in life of product
- Ultra high uniformity

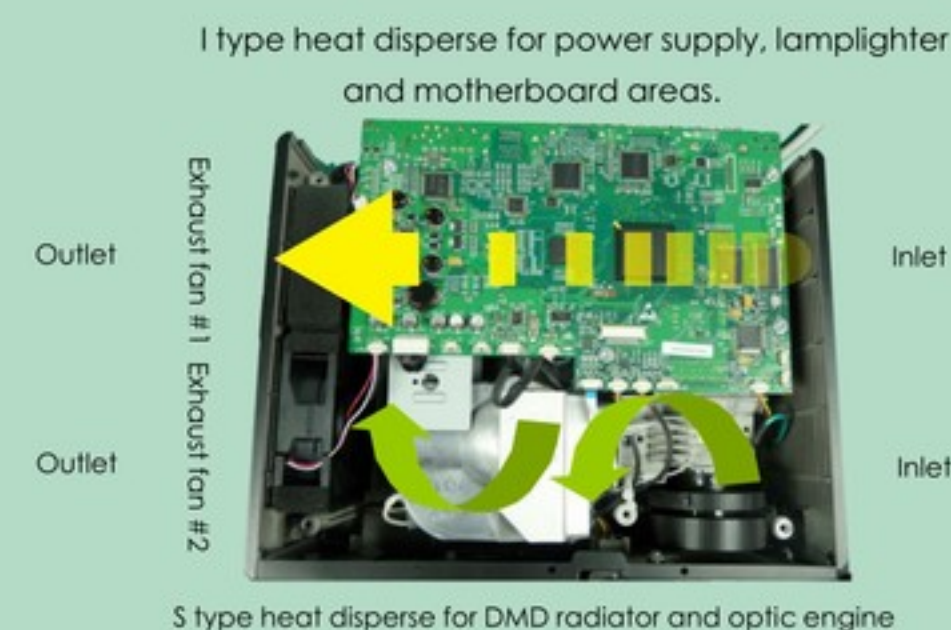
### Dual Exhaust — Double Cooling Efficiency

#### First I Type Heat Disperse

Drawing cool air through input heat disperse among power supply, lamplighter and motherboard, and exhaust as yellow arrow shows.

#### Second S Type Heat Disperse

When the air blower draws cool air, meanwhile it disperses heat on the DMD radiator and optic engine with blowing out strong airflow to disperse lamp wick. Dispersed hot air is guided by the tail lamp light and exhaust by fan #2 as green arrow indicates.



### Safe & Endurable — Explosion Protection

#### Metal frame for explosion protection & longer span life

Unique design of tri-side metal frame for potential explosion protection, such design avoids damages to interior structure & least harm to human body. Metal wearing also drives best ventilation over lamps & enhances lamp life with much secure & easy performance throughout



Lamp wears metal frame



Body Care

Faster disperse longer life

Reduce possibility of broken interior components

#### Perfection for:

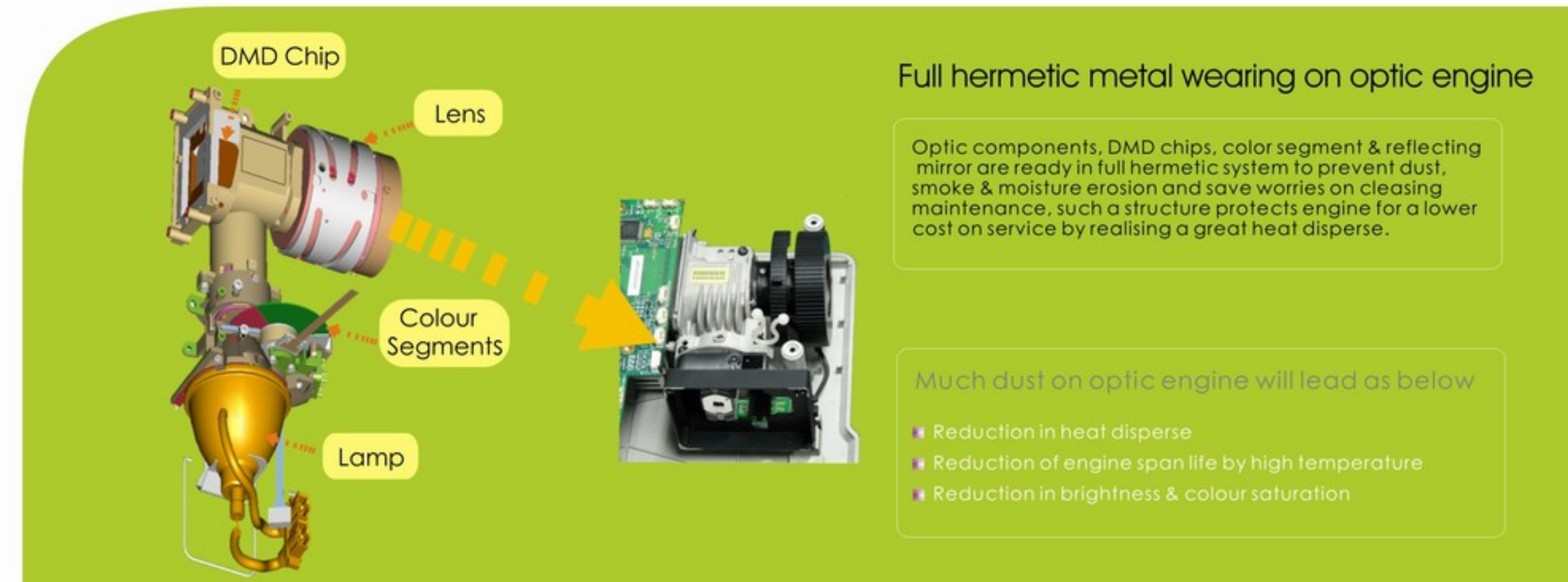
- Classrooms, to protect students beneath.
- Nightclubs to avoid accident injuries



Classrooms



Nightclubs



### Ultra High Brightness — Work Properly In Open Air

High 3,000~3,500 Ansi lumens designed for large meetings, classrooms & open air.



### Luxury Ports For Projection

- 1.RS232
  - 2.VGA Output
  - 3.VGA Input
  4. S-Video
  5. AV
  - 6.USB Type B
  7. Power Connector
  8. Kensington Lock
- (Please see attached specification for details)



### Throw Distance & Image Size (Similarity)

