

PENTATHLON

A short focal length projector with built-in computer, interactive optical white board, document camera, & high power speakers for classrooms or meeting rooms



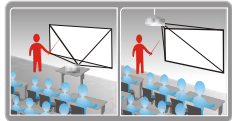
FR-306

Features:



Mobility

- Small & lightweight
- Ergonomic design of carrying handle
- Can be stored in school / company equipment room to maximize the utilization rate
- Can be easily carried to different places such as outdoor teaching, student recruitment, meetings and more
- Single power source design to eliminate tedious wiring and reduce setup complexities



Advanced Projection

- Ultra short focal length (short throw) projection technology to prevent projection image blocked by the presenter
- Available in desktop placement model (FR-306) & ceiling mounting model (FR-306B)
- Built-in interactive optical electronic whiteboard can be projected on any white wall or curtain without the need for any additional electronic devices.
- Default aspect ratio projection at WXGA (1280 x 800) HD with 16:10 & support XGA (1024 x 768) HD with 4:3



Highly Integrated (All in one design)

- HD short focal length projector
- Microsoft Windows PC
- Interactive optical whiteboard
- High wattage stereo amplifying system (25W x2)
- 3 megapixels document camera with rotatable folding support to provide easy camera direction and height adjustment (for desktop model only)



Other Important Design

- Heat radiation duct design
- Dust-proof design

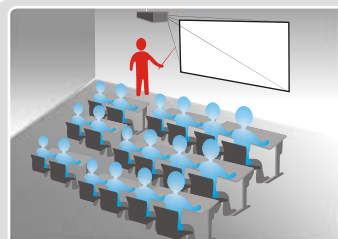


Flexible Connectivity

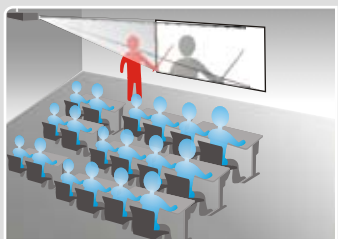
- Proprietary wireless remote streaming software allows up to 253 users to seamlessly switch between presenter (Optional)
- Keyboard / mouse can be connected via USB port or wirelessly
- Laptop or other video source can be connected via HDMI port to project HD video and audio with a single cable

Additional information

Comparison between a short focal length projector and a common projector:



Short focal length front projector will not shine into the presenter's eyes and no shadow will be projected onto the screen.



Common projector may easily shine into the presenter's eyes and large shadow will be produced onto the screen.

Intelligent control box design (for ceiling mounting model FR-306B)



- This well-designed intelligent control box of PENTATHLON may prevent unauthorized personnel from starting up the system.
- The system will start up automatically as long as the user opens the intelligent control box with a key. Any one who is not familiar with the computer may operate it easily.
- When the user closes the intelligent control box, the system will detect automatically whether the light pen and the remote control have been placed back to its original place. If not, the system will send out signals prompting the user to put them in place.

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Specification		Model No.	FR-306 (desktop model)	FR-306B (ceiling mounting model)
Projector specifications	Display technology		TI 0.65 DMD™	
	Native resolution		WXGA (1280 x 800)	
	Aspect ratio		16:10 & 4:3	
	Bulb type / Bulb service life		UHP 230W / 3,000 hours (power saving mode: 5,000 hours)	
	Brightness		More than 2,600 Lumen	
	Contrast		3000:1	
	Uniformity		≥ 90%	
	Image offset		108% ~ 118%	
	Projection ratio		0.54:1	
	Projection size		30" ~ 180"	
	Projection distance		0.35m ~ 2.09m	
	Input port		HDMI x 1	
	Output port		3.5mm audio out x 1	
	Video type		480i, 480p, 576i, 576p, 720p, 1080i, VGA, SVGA, XGA, SXGA, WXGA Quad VGA, MAC19, MAC, SECAM, PAL, NTSC	
	Power consumption		310W (standard)	
	Standby power consumption		<1W	
	Operating environment		Working temperature: 5°C ~ 35°C (41°F ~ 95°F), Room Humidity: 10% ~ 85% (no condensing state)	
	Power requirement		100V~240V AC (automatic conversion), 50~60Hz	
	Interactive touch control method		Optical pen touch control	
Intelligent key lock control box		Not available	Available	
Computer specifications	CPU		Intel 1.8 GHz Dual-Core four-thread processor	
	Memory		2GB DDR3	
	Hard disk		320GB	
	Graphics card		Intel integrated graphics card	
	Peripheral device interface		USB2.0 x 4, microphone x 1, audio line output (earphone) x 1, network interface x 1	
	LAN network interface		10/100/1000Mb per second	
Document camera	Photosensitive chip type		CMOS sensor	Not available
	Camera pixel		3 Megapixels	Not available
	Auto focusing		Available	Not available
Options	Speaker		2.0 channels (standard) / 2.1 channels (optional) for FR-306B	
	Wireless microphone		Optional	
Others	* Wireless remote screen streaming		Optional	
	Dimension (WxHxD)		463 x 355 x 150mm	463 x 355 x 150mm
	Weight		≈9.5kg	≈9kg

* Ulmost proprietary wireless screen streaming software allow up to 253 users with seamless presenter switching capability.

(Note: Specifications subject to change without notice.)

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