Ricoh UHL3660

4K Ultra Short Throw Laser Projector

RICOH
imagine. change.

Transform Any Space into an Immersive Experience

Featuring stunning 4K UHD visuals, a powerful 6,500 lumens of brightness, and OptiBright* technology, the UHL3660 delivers laser-sharp imagery and long-lasting performance.

Ultra Short Throw Lens Technology

Whether you're delivering engaging presentations in the boardroom, designing an immersive digital gallery experience, or bringing cinematic quality to your home theater, Ricoh's Ultra Short Throw Lens creates large-scale displays, even in confined spaces. Featuring an ultra low throw ratio of just 0.24, the UHL3660 projects immersive, captivating displays up to 160" from just centimeters away.

4K UHD Laser Projection

Experience the clarity of 4K UHD resolution with advanced 4-way pixel-shift technology, delivering razor-sharp images and vibrant, lifelike detail in every frame.

Featuring OptiBright* Technology

OptiBright* technology utilizes dual laser light sources and phosphor wheels to maximize light-efficiency and deliver an ultra-bright 6,500 lumens, creating vibrant visuals for up to 40,000 hours, maintenance free.

* OptiBright is Ricoh's Twin Laser & Phosphor Combination Technology

HDR Support & Dynamic Image Adjustments

Enhance your viewing experience with HDR support and advanced image presets, and tailor every detail to your environment with a range of dynamic image adjustments.

Wireless Projection with Miracast™

Effortlessly project content wirelessly from your Windows or Android device with Miracast™ compatibility.

Versatile Integration for Any Environment

Project immersive displays ranging from 85" to 160", and adapt to any environment with 360-degree installation support, HDMI 2.0 and HDBaseT connectivity, and seamless compatibility with both Ricoh and third-party AV control systems.

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Ricoh UHL3660 Specifications

Model: RICOH PJ UHL3660

Part Number	432684
Projection System	DLP
Chip Size	0.65"
Brightness	6,500 Lumens
Contrast Ratio	5,000,000:1
Aspect Ratio	Auto (16:9, 16:10, 4:3)
Resolution	4K (3840 x 2160 pixels)*1
Light Source	Laser
Light Source Lifetime	Constant Power: 20,000 hours Constant Luminance*2: 26,000 hours Eco Mode*2: 30,000 hours Long Life Mode*2: 40,000 hours
Image Size (Diagonal)	85-160 inch
Projection Distance (Projector Body to Screen)	.39 – 14.96 inches (1 – 38cm)
Projection Distance (Lens to Screen)	18.20 – 32.67 inches (46 – 83 cm)
Throw Ratio	0.241
Color Reproduction	Up to 1.07 billion colors
Focus	Powered
Zoom Ratio	Fixed
Lens Shift	Fixed
Geometric Correction	Keystone (Horizontal: ±15 degree / Vertical: -20,+5 degree) Four Corner Correction Six Point Correction Grid Adjustment
Portrait & 360-Degree Projection	Supported
Multi-Projection/ Edge Blending	Supported

(*1) 4K UHD Resolution achieved using 4-way pixel-shifting technology with a native 1080p DMD chip.
(*2) In this mode, brightness is lower compared to Constant Power mode.
Lifetime varies depending on usage conditions and environment.
(*3) Supports HDMI and UART. For control only. Ethernet not supported.

Input	HDMI 2.0 / HDCP 2.2 x2 HDBase-T RJ45*3 USB typeA
Wireless Projection	Supports Miracast™ (2.4GHz / 5GHz) for Windows & Android
Output	HDMI Out (HDMI 2.0 / HDCP 2.2) 3.5mm mini jack
Control	Wired LAN RJ45 (for PJ control and firmware updates) D-sub 9pin (RS232C) Wired Remote (3.5mm mini jack)
Other	USB Micro-B (for service) USB typeA 5V 2A (for USB memory and power)
Noise Level	Standard: 36dB / Eco: 32dB
Dimension (WxDxH) (without feet)	20.87 x 18.50 x 5.47 inches (530 x 470 x 139 mm)
Weight (Projector)	25.4lbs (11.5kg)
Environmental Conditions	32°F to 104°F (0°C to 40°C) up to 5,000 ft 32°F to 95°F (0°C to 35°C) from 5,001 to 10,000 ft
Power Supply Voltage	100-240V 50/60HZ
Power Consumption	Constant Power: 460W (100V) / 460W (110V) / 445W (220V) / 445W (240V) Eco: 225W (100V) / 225W (110V) / 220W (220V) / 220W (240V)
Stand-by Power Consumption	<0.5W
High Altitude Mode	Supported
Audio	3W×2, 5W×1 Stereo Speakers (Total Output Power: More than 10W)

- Stated lumen ratings are based on ANSI standard.
- The above appearances and specifications are subject to change without notice.
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OptiBright

ADVANCE EXCHANGE
Priority Replacement

3-Year Advance Exchange Warranty Coverage

UHL3660 Projection Distance & Image Size | 16:9 Aspect Ratio

Image Size (in.)	Image Width (in)	Image Height (in)	Distance - Lens to Screen (in.)	Distance - Projector Body to Screen (in)
85	74.1	41.7	18.2	0.4
90	78.5	44.1	19.1	1.3
100	87.1	49	21	3.2
110	95.9	54	23	5.2
120	104.6	58.9	24.8	7.1
130	113.2	63.7	26.8	9
140	122	68.7	28.7	10.9
150	130.7	73.6	30.7	13
160	139.4	78.5	32.6	14.8

RICOH

To learn more, visit us at **www.RicohProjectors.com** or contact us at **(888) 425-8228**

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