

PANAMORPH LENS MODELS

LENS MODEL	Paladin DCR + XM2	DCR-S1, DCR-S2 (Sony) and DCR-J1 (JVC)	Paladin + XM2
MSRP	\$8,995	\$5,995	\$6,995
DESCRIPTION	Our flagship lens model for native 17:9 projectors showing Digital Cinema Resolution (DCR) format up to true 8K – large enough to work with many future 17:9 home theater projectors*	The full performance of the Paladin DCR in a smaller form specifically designed to attach directly into the lens openings of specific projectors	Our flagship lens model for native 16:9 projectors showing up to true 8K – large enough to work with many future 16:9 home theater projectors*
CINEMA FORMAT PERFORMANCE ENHANCEMENT	Supports 2.6 million additional pixels vs. letterbox 3840 projection for enhanced detail and 38% higher brightness	Supports 2.6 million additional pixels vs. letterbox 3840 projection for enhanced detail and 38% higher brightness	Supports 2+ million additional pixels vs. letterbox 3840 projection for enhanced detail and 30% higher brightness
16:9 CONTENT COMPATIBILITY	Supports multiple projector modes for displaying 16:9 content including classic and full cinema modes without moving the lens	Supports multiple projector modes for displaying 16:9 content including classic and full cinema modes without moving the lens	Supports multiple projector modes for displaying 16:9 content including classic and full cinema modes without moving the lens
ATTACHMENT	Included XM2 plate system installed either above projector (ceiling mount) or below projector (shelf mount)	Lens system attaches directly into projector lens opening using proprietary retaining system.	Included XM2 plate system installed either above projector (ceiling mount) or below projector (shelf mount)
MINIMUM THROW RATIO	1.4:1 (throw distance divided by 2.4:1 screen width) with edge distortion of approx. 0.006 x screen width (less with higher throw ratio)	1.4:1 (throw distance divided by 2.4:1 screen width) with edge distortion of approx. 0.006 x screen width (less with higher throw ratio)	1.6:1 (throw distance divided by 2.4:1 screen width) with edge distortion of approx. 0.006 x screen width (less with higher throw ratio)
RECOMMENDED SCREEN FORMAT	Flat, 2.4:1 format with at least 1.5" border (lens can adjust for older 2.35:1 screens)	Flat, 2.4:1 format with at least 1.5" border	Flat, 2.4:1 format with at least 1.5" border (lens can adjust for older 2.35:1 screens)
RECOMMENDED PROJECTOR POSITION	Horizontally centered on screen +/- 6". Vertically positioned from 15% below to 30% above top of screen (ideally at screen top).	Horizontally centered on screen +/- 3". Vertically positioned from 10% below to 30% above top of screen (ideally at screen top).	Horizontally centered on screen +/- 6". Vertically positioned from 15% below to 30% above top of screen (ideally at screen top).
INSTALLATION GUIDE	Paladin DCR and Paladin Guide	DCR-S1 Guide , DCR-S2 Guide DCR-J1 Guide	Paladin DCR and Paladin Guide
DIMENSIONS AND WEIGHT (w/o bracket)	6.5" W x 5.7" H x 4.13" D (165 x 145 x 105mm), 4 pounds	6" Diam x 3"-4" D (153 x 77-103mm), 2 pounds	6.5" W x 5.7" H x 4.5" D (165 x 145 x 114mm), 4 pounds