






QuantumLED *Lifestyle*
Crusader & Apex Series



InFocus

MODEL DETAILS	Image					
	Model	Crusader Challenger	Crusader Master	Crusader Grand Master	Apex Challenger	Apex Master
	Part-Number	IN3008SL	IN3018SL	IN3028SL, IN3038SL	IN3048SL	IN3058SL
	Product Classification	Quantum LED - Lifestyle				
	Light Source	LED				
	Display Technology	DLP (Digital Light Processing)			LCD (Liquid Crystal Display)	
	Display Chip	0.23" DMD (Digital Micromirror Device)		0.47" DMD	-	-
	MEMEC	-				
	Supported Formats	HDR10				
	Video Modes	-			User, Standard, Vivid, Sport, Movie, Game	
Variable Image Brightness	Yes					
Colour Temperature Adjustment	Yes					
Brightness (ISO Lumens)	350	450	1200	200	500	
Native Resolution (pixels)	1920 x 1080					
3D	Side by Side, Top to Bottom, Blu-Ray			-		
Expected Lamp Life (hours)	25000					
Optical Zoom	-					
Digital Zoom	Vertical, Horizontal, Vertical & Horizontal 1.2x			Vertical & Horizontal 1.2x		
Throw Ratio	1.2:1			1.25:1		
Projection Method	Front Desk Top, Front Tripod, Front Rear, Ceiling Front, Ceiling Rear			Front Desk Top, Front Tripod, Ceiling Front		
Optimal Image Size	43" ~ 130"		22" ~ 130"	60" ~ 100"	40" ~ 120"	
Image & Setup Features	Auto Focus, Auto Focus Calibration Auto Keystone Correction, Adjustable Digital Offset, Auto & Manual Fan Adjustment, Offline Onscreen Users Guide, Multimedia Playback- USB & HDD, Animated Backgrounds and Screensaver			Multimedia Playback- USB & HDD, Animated Backgrounds and Screensaver, contrast, saturation, Hue and Sharpness adjustments, 11 point white balance adjustment, low Blue Light setting, Digital Noise Reduction, MPEG Noise Reduction, Adaptive Luma Control, Local Contrast Control, Flesh Tone Adjustment,		
Remote Control Shortcuts	   			 		
Speaker (Watts)	2 x 10		2 x 20	2 x 3	2 x 5	
Dolby Audio	Yes					
Audio Modes	Standard & Vivid			Game, Cinema, Music, News, Sports, Standard, User		
RAM (GB)	2					
Storage (GB)	32			16		
System	Google TV™					
System Google Certified	Yes, Built in Dongle			Yes, Projector		
Mirroring Display	Chromecast, Aircscreen, eShare			Chromecast		
WIFI	2.4/5GHz, 802.11a/b/g/n/ac					
Bluetooth	Bluetooth 5.1/BLE			Bluetooth 5.0/BLE		
Input Ports	HDMI 2.0, USA-A 2.0		HDMI 2.0 (eARC) 2x USB-A	HDMI 2.1 (eARC), USB-A 2.0		
Output Ports	AUX		AUX, SPDIF	AUX		
Networking	-		RJ45 (LAN)	-		
DISPLAY						
IMAGE						
AUDIO						
EMBEDED SYSTEM						
CONNECTIVITY						

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	Part-Number	IN3008SL	IN3018SL	IN3028SL, IN3038SL	IN3048SL	IN3058SL
POWER	Noise Level (dB@1m)	≤28			≤30	
	Power Consumption (W)	≤35	≤50	≤100	≤65	≤100
	Standby Power Consumption (W)	<0.5				
	Standby Power Network On (W)	<3.0				
	Power	DC19V-3.42A		DC18V ~6.32A	DC19V ~3.42A	DC18V ~6.32A
	Battery (Wh)	55,5	74	-		
	Battery Play Back Time - Bluetooth (hours)	6	8	-		
Battery Play Back - Video Eco Mode (hours)	3	4	-			
Battery Play Back - Video Standard Mode (hours)	1.5	2	-			
GENERAL	Product Weight (Kg)	1.27	1.57	2.36	1.25	2.07
	Boxed Weight (Kg)	2.13	2.43	3.35	2.15	2.97
	Product Dimensions (mm)	128 x 147 x 130	128 x 147 x 130	198 x 187 x 157	122 x 141 x 175	207 x 190 x 127
	Boxed Dimensions (mm)	195 x 223 x 155	195 x 223 x 155	235 x 235 x 225		
	Product Colour	Midnight Purple			Future Dusk	
	Remnote Controi Colour	Midnight Purple			Black	
Over the Air Updates	Yes					