

# PK301

*Texas Instruments DLP® technology*

*Native Wide-Screen resolution*

*Ultra-High brightness LED adopted*

*High capacity battery build-in*

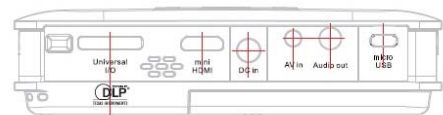
*Multi-connective supports*

*Multimedia supports*



## ***Basic Specification:***

Technology	Taxis Instrument DLP Technology / 0.3" DMD signal chip
Resolution	WVGA (854×480)
Brightness	50 ANSI Lumens (AV Power In) 20 ANSI Lumens (Battery Power Only)
Contrast Ratio	1000:1 Typical (Full On/Full Off)
Lens Type	Fixed & Manual Focus
Lighting	OSRAM RGB LED x 3 Bright Mode: 11W +/-10 % STD Mode: 3W +/-20 % ECO Mode: 1W +/-20 %
LED Life	≥ 10,000 hrs (Full Power Operation)
Projection Distance	0.2m (about 5.5"image size)~5m ( about 136"image size )
Throw Ratio	1.8:1 (Distance / Screen Wide)
Internal Memory	Internal Storage: 128MB NAND Flash (System firmware 80MB, Optoma Video Converter 20MB)
Input Connector	One Mini-HDMI v1.3 (compatible with video and audio) One 24-pin universal connector <ul style="list-style-type: none"> <li>● Supports for VGA input</li> <li>● Supports for Component input (optional)</li> </ul> One Composite Audio/Video input in $\phi$ 2.5mm jack One Audio output in $\phi$ 3.5mm jack One Micro SD card slot (without SD Card) One Micro USB x1 (Host/Device/Battery Charge) <i>*Note: Host support &lt;150mA 5V</i> One $\phi$ 2.35mm DC jack
Speaker	Built in 0.5W, 4 ohm mono speaker
Battery	3.7V 1410mAh Li-Ion battery / Recharge time: < 3 hours



Power Supply	Adapter input: 100~240V, 50/60Hz, Adapter output: DC 20V/2A, 40W
Power Consumption	<ul style="list-style-type: none"> <li>● Multimedia File Playback: &lt;18W (Typical) in Bright Mode; &lt;12W in STD mode &lt;7W in ECO mode</li> <li>● VGA display mode: &lt;16W (Typical) in Bright Mode; &lt;10W in STD mode &lt;5W in ECO mode</li> <li>● Standby Mode: &lt; = 0.5W @battery, projector turned on by keypad</li> </ul>
Dimension	120.1(±0.5)mm (L)x69.8(±0.5)mm(W)x29.7(±0.5)mm(H)
Weight	< 215g (0.47lb) (without battery), < 250g (0.55lb) (included battery)
Accessory	Computer Cable Universal (24pin) to VGA USB Cable (Type A to Micro USB) Composite A/V Cable (RCA) AC Power adaptor & Power Cord Battery (1410mAh) x 1 Quick Start Guide & Warranty Card Optoma Converter software & User's manual (Pre-load in internal memory)
Certificate	UL/FCC/CE/CB/TUV/VCCI/CCC/KC

### ***Multimedia Compatible Format***

File format	Video Format	Max res.
AVI,MOV,MP4,3GP	H.264	720x480 30fps or 720x576 25fps
AVI	MPEG4	720x480 30fps or 720x576 25fps
AVI	Xvid	720x480 30fps or 720x576 25fps
AVI	MJPEG	640x480 30fps

\*Note: Video format does not support content with B-Frame function

<b>Photo</b>	File format: BMP, JPG, JPEG
<b>Audio</b>	File format : AAC, MP3, PCM, ADPCM, WMA, OGG,

### ***Input Signal Timing Table***

VGA Timing Table	Video Timing Table	HDMI Timing Table
640 x 480 / 60Hz	480i / 480P 60Hz	480i / 480P 60Hz
800 x 600 / 60Hz	576i / 576P 60Hz	576i / 576P 60Hz
1024 x 768 / 60Hz	720P 50Hz/60Hz	720P 50Hz/60Hz
1280 x 720 / 60Hz	1080i 50Hz/60Hz	1080i 50Hz/60Hz
1280 x 800 / 60Hz		

\*The appearance and specifications of all item are subject to change without notice

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