

Projector Datasheet - DM-P7

Optical parameters	
Product type	Portable DLP Android
Projection technology	TI DLP Display
DMD size	0.2"
Projection brightness	120 ANSI Lumens
Projection contrast	>300:1
Illumination uniformity	90%
Color gamut	90% NTSC
Physical resolution	WVGA (854*480)
Compatible resolution	4K
Light source type	R/G/B
Light source life	Around 20,000 hrs (25°C With effective cooling)
Projection parameters	
Zoom mode	Auto-focus(camera)
Throw ratio	1.2:1
Optical offset	N/A
Keystone correction	Support 4 points correction & auto-vertical correction(±40°)
Projection distance	0.5m - 3m
Projection screen size	0.5m: 19" 1m: 38" 2m: 75" 3m: 113"
Screen ratio	16:9
HDMI compatibility	576i、576p、480i、480p、720p、1080i、1080p、4K@23fps,4K@30fps
Video decoding	MPEG-1/2/4 1080P30fps H.264 1080P/H.265 4K60pfs
Audio decoding	MPEG-1/2/3
Image decoding	JPG/BMP/PNG/GIF
System configuration	
CPU	MTK MT9269 Quad core Cortex-A53
GPU	G31 MP2
Operating system	Android 9.0
Working memory	1GB
Storage memory	EMMC 32GB
WLAN	2.4G+5.8G Dual band WiFi
Bluetooth	BT5.0
Featured functions	
Desktop version	Zeasn OS
Language	Multiple languages
Multi-screen interaction	DLNA, Air play, Miracast
Startup method	Power on by power button
System upgrade	Online OTA / USB OTA
Remote control	IR remote control
Touch panel	N/A
Power mode management	Standard mode Saving mode
Automatic image flip	√
Digital zoom	√
Overheat protection	√
Fan fault protection	√
Intelligent heat dissipation control	√

Low battery alarm	√
Bluetooth speaker mode	√ (After power-on)
3D	Support Red&Blue 3D
Input interface	
USB C	*1(Power supply input, DP input)
AV	N/A
USB 2.0	*1
HDMI	*1 (HDMI2.0)
LAN	N/A
Output interface	
Headphones	*1(3.5mm mini jack)
Other parameters	
Installation method	Front/Rear projection, Front/Rear projection ceiling mount
Product size	77*75*60mm
Net Weight (kg)	0.25kg
Electrical specifications	
Input power	12V/1.67A
Built-in battery	3.7V 4800mAh (Lithium-ion battery)
Power consumption (W)	<12W
Noise (dB)	Standard mode: <30dB, Saving mode: <25dB;
Built-in speaker	2.2W *1
Battery life	Standard mode: around 90-110 minutes, Saving mode: Around 150 minutes
Power supply by power bank	Support 5V3A, 9V2A,12V1.5A
Environmental parameters	
Operating temperature (°C)	0-35°C
Operating humidity	10% - 90%