Panasonic



4,000 SOLID SHINE , WUXGA

PT-LMZ420

4,000 WUXGA

Key Features

SOLID SHINE.

Panasonic



PT-LMZ420

https://ap.pnd.panasonic.com/kr/ko/pt-LMZ420

Projector type	LCD projectors
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	16.3 mm (0.64 in) diagonal (16:10 aspect ratio)
Display Device -> Drive method	Active matrix method
Display Device -> Number of pixels	2,304,000 (1920 x 1200) pixels
Light source	Laser diodes
Light output *1 *2 *3	4,200 lm
Light output (ANSI) *1 *2 *4	4,200 lm
Time until light output declines to 50 % -> NORMAL *6	20,000 [NORMAL]
Time until light output declines to 50 % -> ECO *6	24,000 [ECO]
Time until light output declines to 50 % -> QUIET *5	20,000 hours [QUIET]
Resolution	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.) *3	3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)
Screen size (diagonal)	0.76–7.62 m (30–300 in), 16:10 aspect ratio
Center-to-corner zone ratio *3	85%
Lens	1.2 (: 1.36–1.64:1), , F 1.61–1.76, f 19.1–23.0 mm
Digital Zoom Extender *7	: 1.36–2.05:1*5 (. .)
Keystone correction range	: ±25° (,), : ±35° ( )
Installation	/ , / , 360
Terminals -> HDMI™ IN	HDMI™ 19 x 2 (HDCP 1.4 , Deep Color, 4K/30p*6), CEC *7
Terminals -> COMPUTER IN (D-SUB 15pin)	D- 15 (female) x 1 (RGB/YP_{BP}/YC_BC_R)
Terminals -> COMPUTER OUT (D-SUB 15pin)	D- 15 (female) x 1 (RGB/YP_{BP}/YC_BC_R)
Terminals -> AUDIO IN(M3 Stereo Mini Jack)	M3 stereo mini-jack x 2
Terminals -> AUDIO OUT(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
Terminals -> LAN	RJ-45 x 1, 10Base-T, 100Base-TX
Terminals -> USB TYPE A	USB (A) x 1, AJ-WM50 , (DC 5 V, 2 A*8)
Protocol versions	IPv4, IPv6*9
Power supply	AC 100 V–240 V, 50/60 Hz
Maximum power consumption *9	240W
On-mode power consumption(Operating mode) -> Normal *9 *10	[NORMAL] 215 W (100–240 V), 205 W (200–240 V)
On-mode power consumption(Operating mode) -> Eco *9 *10	[ECO] 165 W (100–240 V), 160W (200–240 V)
On-mode power consumption(Operating mode) -> Quiet *13 *14	[QUIET] 160W (100–240 V), 155 W (200–240 V)
Built-in speaker	10 W monaural
Cabinet materials	Molded plastic
Filter	Included
Estimated filter maintenance cycle	20,000
Operation noise -> Normal *3	33 dB [NORMAL]
Operation noise -> Eco *3	33 dB [ECO]
Operation noise -> Quiet	23 dB [QUIET]
Body Colour	White
Dimensions (W x H x D)	349 mm x 105 mm x 309 mm (13 3/4″ x 4 1/8″ x 12 5/32″) (가)
Dimensions -> Width (including protruding parts)	349 mm (13 3/4″)
Dimensions -> Height (including protruding parts)	105 mm (4 1/8″)
Dimensions -> Depth (including lens)	309 mm (12 5/32″)
Gross Dimensions (W x H x D in mm)	LMZ420EJ: 507 x 402 x 222 mm LMZ420: 497 x 392 x 210 mm

Weight *11	4.2kg(9.26 lbs)
Gross Weight (Kg)	LMZ420EJ: 7.4 kg(16.3 lbs) LMZ420: 6.6 kg(14.6 lbs)
Operating environment -> Operating temperature *12	0–45 °C (32–113 °F)
Operating Environment -> Operating humidity (No condensation)	20–80 % (no condensation)
Applicable software	, , ,Presenter Light Software(Windows®)*14, Wireless Projector App(iOS/Android™)*15
NFC	No
Control function via LAN	PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery
EAN	LMZ420: 5025232931545 LMZ420EJ: 5025232931552
Lens shift -> Vertical(from center of screen)	–
Lens shift -> Horizontal(from center of screen)	–
Terminals -> SDI IN	–
Terminals -> DVI-D IN	–
Terminals -> DisplayPort™ IN	–
Terminals -> DIGITAL LINK IN / LAN	–
Active 3D	No
SDM	No
Footnote Description	1. [PICTURE MODE]가 [DYNAMIC] , [LIGHT POWER] [NORMAL], [Daylight View] [OFF], [AUTO POWER SAVE] [OFF] . 2. , , ISO/IEC 21118: 2020 . . . 3. , , (American National Standards Institute) . . 4. 50% .([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] [2] , 30 °C(86 °F), 700 m (2,297 ft), 0.15 mg/m3). 50 % . 5. . V/H , . 6. Digital Zoom Extender 80 % . 7. 4K . 8. CEC . 9. Quick Startup ON Power Management Ready 가 . 10. Ver . 2.00 . AJ-WM50 IPv6 . 11. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) . 12. . . : 20,000 (0.08 mg/m3), 10,000 (0.15 mg/m3). 13. . 14. 30 °C(86 °F) , 2,700 m(8,858 ft) . AJ-WM50 0–40 °C(32–104 °F)가 . 15. Presenter Light Software 1280 × 800 1024 × 768 . , PC , . 16. , iOS/Android™ . WXGA(1280 x 800) .