\Orchestrating a brighter world   NEC

Delivering Excellence with high Performance Short Throw Projector.

CK4255XG / CK4155XG / CK4155WG

CK4255XG
| 3,700 ANSI Lumen | XGA | 5.2kg |

CK4155XG
| 3,300 ANSI Lumen | XGA | 5.2kg |

CK4155WG
| 3,200 ANSI Lumen | WXGA | 5.2kg |

Built for convenience while delivering powerful visuals, CK Series projectors are ideal for on the go improvised meetings, small room conferences and excellent for classrooms. These projectors are durable with a **lamp life of up to 10,000hours,** keeping you in check for the next meeting. Assigned with a unique feature of remote controls, multiple projectors can be operate at your fingertips with little to no hassle.

Great Visuals with Integrated Audio

Innovated with a 15,000 : 1 with iris contrast ratio, images produced are clear and crispy. Accompanied with integrated speaker, it gives the realistic environment to the contents, bringing it to life.

Auto Power ON/OFF, Quick Start

Auto Power ON/OFF and Direct Power OFF features eliminates the need to always operate the power switch. Additionally, CK Series's quick start function will project the images quickly in 6 seconds.

Preventing unauthorized use of projector

Keep your projector secure with enhanced smart security for keyword protection, cabinet control panel lock, security slots, and security chains.

Remote controlling

Mutiple projectors and be operated separately and independently with the same single remote control by assigning an ID number to each projector.

Free multi-display management software

NaViSet Administrator-2 software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality for a majority of NEC display services and Windows computers. It is ideal for multi-device installations over larger infrastructures.

Specifications

Model	NP-CK4255XG	NP-CK4155XG	NP-CK4155WG
Projector Type	3 LCD Type		
Resolution	XGA (1024dots x 768lines)		WXGA (1280dots x 800lines)
Lens	1.4x optics		
	F:1.80 / f=6.08mm Throw ratio = 80" @ 0.75m	F:1.80 / f=6.08mm Throw ratio = 80" @ 0.75m	F:1.80 / f=6.08mm Throw ratio = 80" @ 0.79m
Light source (lamp) — ECO mode off	225W		
Lamp life*1 — ECO mode off	5,000H		
Lamp life*1 — NormalECO	6,000H		
Lamp life*1 — ECO mode	10,000H		
Image size (Performance guarantee range)	1.20~2.540m (50"~100")		
Light output *2 *3 — ECO mode off	3,700 ANSI Lumen	3,300 ANSI Lumen	3,200 ANSI Lumen
Light output *2 *3 — ECO mode	Approx 60%		
Contrast ratio (white / black)*2 *3	15,000 : 1 with Iris		
Maximum resolution	Up to WUXGA (1920x1200 with Advanced AccuBlend, Pixel clock frequency : less than 155MHz		
Synchronization range — Horizontal	15 to 100KHz (RGB: 24kHz or over)		
Synchronization range — Vertical	50 to 120Hz		
Keystone correction	Horizontal : Approx ±20 Max degrees (Manual) , Vertical : Approx ±20 Max degrees (Auto+Manual)		
Input terminals (Visual) — Mini D-Sub 15pin	2 <Computer1 In , Computer2 In or Computer1 Out (Selectable), R/G/B: 0.7Vp-p/75ohm, H/V Sync: 4.0Vp-p/TTL Level, Composite Sync: 4.0Vp-p/TTL Level, Y: 1.0Vp-p/75ohm (with Negative Polarity Sync), Cb/Cr: 0.7Vp-p/75ohm		
Input terminals (Visual) — HDMI ® (Type A 19pin)	2 HDMI <HDMI In>		
Input terminals (Visual) — RCA (Video)	1 <Video>,Composite Video: 1.0Vp-p/75ohm,Compatible signals: NTSC/NTSC4.43/PAL/PAL-N/PAL-M/PAL-60/SECAM		
Input terminals (Audio) — RCA×2	1 (RCA×2) <Audio L/R>, For Video, Stereo L/R : 0.5Vrms/22kohm or over		
Input terminals (Audio) — Stereo mini Jack	1 (RCA×2) <Audio L/R>, For Video, Stereo L/R : 0.5Vrms/22kohm or over		
Output terminal — Mini D-Sub 15pin	1<Computer2 In or Computer1 Out (Selectable)>		
Output terminal — Audio	1<Audio out>, Selected from : Computer/Video/HDMI1/HDMI2		
Control terminals — IWB Control	1 USB-B Type <for HHT>	2 USB-B Type <for HHT>	4 USB-B Type <for HHT>
USB port	Type A 1<USB> for USB Memory or Wireless LAN, 1.0A for external output. Type B 1<USB> for USB display		
Built-in speaker	16W Monaural		
Usage environment — Operational temperature	41 to 104deg.F (5 to 40deg.C), 20 to 80% Humidity (Non-Condensing) (ECO mode selected automatically at 95°F to 104°F/35°C to 40°C)		
Usage environment — Storage temperature	14 to 122deg.F (-10 to 50deg.C) , 20 to 80% Humidity (Non-Condensing)		
Power requirements	100-240VAC 50/60Hz		
Input current	1.6A		
Power consumption (typical) — ECO mode off	299W@200V		
Power consumption (typical) — ECO mode	205W@200V		
Power consumption (typical) — Standby (Normal)	0.5W or less@200V		
Dimensions (W × H × D)	459mm x 225mm x 381mm / 18.08"x 2.86"x 15.12" inch		
Weight	5.2Kg		
OSS *4	Yes		

Note :
*1 : It lights up continuously
*2 : This is the light output value (lumens) when the [PRESET] mode is set to [HIGH-BRIGHT] and set to [Auto ECO].
If any other mode is selected as the [PRESET] mode, the light output value may drop slightly.

*3 : Compliance with ISO21118-2012

Remote control

(included accessory)

Options
Replacement lamp
NP41LP
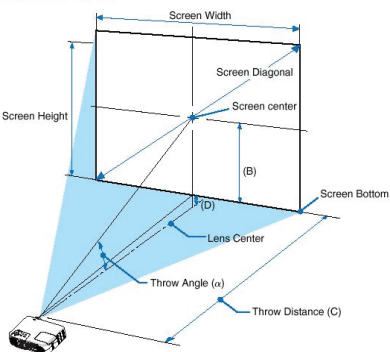*Image only for illustration

Wireless LAN unit
NP05LM4/5
*Image only for illustration

Distance Chart

B = Vertical distance between lens center and screen center
C = Throw distance
D = Vertical distance between lens center and bottom of screen (top of screen for ceiling application)
α = Throw angle

NOTE: Distances may vary +/-5%.

Aries Distance Chart — XGA

0.63	inch	LCD						C=	0.01	*		x	+	−0.011	−	22.8

		Width	Height
XGA	1024		768
LCD	12.8	9.6	mm
Pixel	12.5	12.5	μ m
Lens–Cabinet	22.8		mm
Lens Offset	5.28		mm

C:Throw distance[m]
X:Screen Size (Diagonal)[inch]

Screen Size						B		C					D		α	
Diagonal		Width		Height				wide		tele				wide	tele
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	−	inch	mm	inch	mm	degree	degree
50	1270	40	1016	30	762	17	419	18	455	−	−	−	2	38	42.6	−
60	1524	48	1219	36	914	20	503	22	552	−	−	−	2	46	42.3	−
70	1778	56	1422	42	1067	23	587	26	650	−	−	−	2	53	42.1	−
80	2032	64	1626	48	1219	26	671	29	748	−	−	−	2	61	41.9	−
90	2286	72	1829	54	1372	30	754	33	845	−	−	−	3	69	41.8	−
100	2540	80	2032	60	1524	33	838	37	943	−	−	−	3	76	41.6	−
80	2032	64	1626	48	1219	26	671	29	748	−	−	−	2	61	41.9	−

B=Vertical distance between lens center and screen center
C=Throw distance
D=Vertical distance between lens center and bottom of screen(top of screen for desktop)
α=Throw angle

WXGA

0.59	inch	LCD						C=	0.01	*		x	+	−0.011	−	22.8

		Width	Height
WXGA	1280		800
LCD	12.8	8.0	mm
Pixel	10.0	10.0	μ m
Lens–Cabinet	22.8		mm
Lens Offset	5.28		mm

C:Throw distance[m]
X:Screen Size (Diagonal)[inch]

Screen Size						B		C					D		α	
Diagonal		Width		Height				wide		tele				wide	tele
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	−	inch	mm	inch	mm	degree	degree
50	1270	42	1067	26	660	17	436	19	485	−	−	−	4	106	41.9	−
60	1524	51	1295	32	813	21	536	23	588	−	−	−	5	130	42.4	−
70	1778	59	1499	37	940	24	620	27	692	−	−	−	6	150	41.9	−
80	2032	68	1727	42	1067	28	704	31	796	−	−	−	7	171	41.5	−
90	2286	76	1930	48	1219	32	805	35	900	−	−	−	8	195	41.8	−
100	2540	85	2159	53	1346	35	888	39	1003	−	−	−	8	215	41.5	−
80	2032	68	1727	42	1067	28	704	31	796	−	−	−	7	171	41.5	−

B=Vertical distance between lens center and screen center
C=Throw distance
D=Vertical distance between lens center and bottom of screen(top of screen for desktop)
α=Throw angle

http://www.nec-display.com/ap/

NEC Display Solutions, Ltd.
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