

BenQ Corporate Laser Projectors

# Let Your Innovation Shine through True Colors

Enlighten the Next Generation of Trend Leaders



Because it matters

# Projector



Model Name		LK952	LU950	LH770	LX770
<b>Display</b>	Projection System	DLP Single 0.47" 4K	DLP Single 0.47" WUXGA	DLP Single 0.65" 1080p	DLP Single 0.55" XGA
	DMD Type	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip
	Native Resolution	4K UHD (3840 x 2160)	WUXGA (1920x1200)	1080P (1920x1080)	XGA (1024x768)
	Brightness	5000 ANSI Lumens	5000 ANSI Lumens	5000lm	5000lm
	Contrast Ratio*	100,000:1	100,000:1	20000:1	20000:1
	Display Color	30 Bits (1.07 billion colors)	30 Bits (1.07 billion colors)	30 Bits (1,07 billion colors)	30 Bits (1,07 billion colors)
	Aspect Ratio	Native 16:9 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	16:9	4:3
	Light Source	Laser	Laser	Laser	Laser
	Light Source Life*	20,000 hrs	20,000 hrs	Normal 20000 hrs	Normal 20000 hrs
<b>Optical</b>	Throw Ratio	1.36 ~ 2.18	1.36 ~ 2.18	1.38~2.13	1.81~2.79
	Zoom Ratio	1.6x	1.6x	1.5x	1.5x
	Lens Control	Manual Zoom and Focus	Manual Zoom and Focus	N/A	N/A
	Lens Shift	Vertical: -60%~ +60% Horizontal: -23%~ +23%	Vertical: -60%~ +60% Horizontal: -23%~ +23%	Vertical: 125.7% +/-7.9% Horizontal: 0% +/-4.8%	Vertical: 124.5% +/-7.8% Horizontal: 0% +/-6.3%
	Keystone Correction	1D, Vertical ± 30°	2D, Vertical ± 30°/ Horizontal: ± 30°	2D, Vertical ± 30 degrees; Horizontal: ± 30 degrees	2D, Vertical ± 30 degrees; Horizontal: ± 30 degrees
	Projection Offset**	0%	0%	125.7%	124.5%
	Projection Size (Diagonal)	30" ~ 300"	30" ~ 300"	30"~300"	30"~300"
<b>Audio</b>	Built-in Speaker	10W	10W	10Wx1	10Wx1
<b>Special Feature</b>	Security	Security Bar;Kensington anti-theft lock slot	Security Bar;Kensington anti-theft lock slot	Security Bar;Kensington anti-theft lock slot	Security Bar;Kensington anti-theft lock slot
	Feature	4K, Dicom Simulation Mode, Blank to True Black, 360 degree Projection Corner fit, Custom Lightsource Mode (brightness adjustment), Projector and Remote Control ID Setting, Big Zoom and Lens Shift, Dust Proof Engine, 24/7 Hours Operating, Auto High Altitude Mode	DICOM Simulation Mode, Blank to True Black, 360 degree Projection, Corner fit Custom Lightsource Mode (brightness adjustment), Projector and Remote Control ID Setting, Big Zoom and Lens Shift, Digital Shrink and Shift, Image Memory, Dust Proof Engine, 24/7 Hours Operating, Auto High Altitude Mode	BlueCore Laser, REC709 95%, LAN control, Vertical and Horizontal L/S, 2D Keystone, 1.5X zoom, DustGuard pro, 360 degree projection, 7/24 operation	BlueCore Laser, REC709 95%, LAN control, Vertical and Horizontal L/S, 2D Keystone, 1.5X zoom, DustGuard pro, 360 degree projection, 7/24 operation
<b>Connectivity</b>	I/O Port	Computer In-1 (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin, Female) x1 HDMI (HDCP 2.2) x1 HDMI x2 HDMI Out x1 HDBaseT (RJ45 for Video and Audio Display) x1 USB TypeA(5V/2A power) x1 USB Mini-B (Service) x1 Audio in (mini jack) x1 Audio out (mini jack) x1 LAN Port (RJ45 for Network control) x1 RS232 In (D-sub 9pin, male) x1 Wired Remote In x1 12V Trigger x1	Computer In (D-sub 15pin, Female) x1 Monitor out (D-sub 15pin, Female) x1 HDMI x3 HDMI Out x1 HDBaseT (RJ45 for Video and Audio Display) x1 S-Video in x1 Composite Video (RCA) x1 USB TypeA(5V/2A power) x1 USB Mini-B (Service) x1 Audio in (mini jack) x1 RCA Audio in - L/R x1 LAN Port (RJ45 for Network control) x1 RS232 In (D-sub 9pin, male) x1 Wired Remote In x1 12V Trigger x1	PC in (D-sub 15pin) x 2 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply 1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-1 (service) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 2 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply 1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-1 (service) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)
	Resolution Support	VGA(640 x 480) to 4K (3840 x 2160)	VGA(640x480) to WUXGA_RB(1920x1200) *RB=Reduced Blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking
<b>Compatibility</b>	Horizontal Frequency	15K ~135KHz	15~102KHz	15K~102KHz	15K~102KHz
	Vertical Scan Rate	23~120KHz	23~120KHz	23~120KHz	23~120KHz
	HDTV Compatibility	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p
	Video Compatibility	N/A	NTSC, PAL, SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM
<b>Power</b>	Power Consumptions(Typical)	520W	475W	540W	540W
	Standby Power consumption	< 0.5W	<0.5W	<0.5W	<0.5W
	Power Supply	100 ~ 240V AC	100 ~ 240V AC	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
<b>Dimension and Weight</b>	Product Dimensions (WxHxD)	490 x 159 x 380 mm	490 x 159 x 380 mm	538 x 184 x 400 mm	538x184 x 400 mm
	Product Weight	10kg	9.4 kg	13.8 kg	13.8 kg
<b>Operation Condition</b>	Noise Level (Normal/Eco)	40/38 dBA	37 /35 dBA	35/32 dB	35/32 dB
	Operating Temperature	0 ~ 40°C	0 ~ 40°C	0~40°C	0~40°C
<b>Accessories</b>	Accessories (Standard)	Power Cord Remote control (RCA011) Lens cover AAA Batteryx2 Installation Guide/Regulatory Statement(Combined) Warranty card(by sku) Anti-dust Filter	Power Cord Remote control (RCA011) Lens cover AAA Batteryx2 Installation Guide/Regulatory Statement(Combined) Warranty card(by sku) Anti-dust Filter	Remote Control w/ Battery (RCS011) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) Quick Start Guide x 1	Remote Control w/ Battery (RCS011) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) Quick Start Guide x 1
	Accessories (Optional)	Ceiling mount (CMG3)	Ceiling mount (CMG3) 3D glasses InstaShowTM (WDC10)	3D Glasses (5J,9H25.002) Wireless Dongle - QCast QP01 (5J, JCK28.X01) Ceiling mount Anti-Dust Filter	3D Glasses (5J,9H25.002) Wireless Dongle - QCast QP01 (5J, JCK28.X01) Ceiling mount Anti-Dust Filter
<b>OSD</b>	On Screen Display Language	Arabic/ Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian /Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 languages)	Arabic/ Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian /Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 languages)	Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hungarian/ Italian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Traditional Chinese (22 Languages)	Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hungarian/ Italian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Traditional Chinese (22 Languages)

## Environment Notice

\*LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

\*All related Optical Value is measure by Standard Lens.

\*The Contrast is measure by Full On Full Off standard.

# Projector



Model Name		LH720	LW720	LX720
<b>Display</b>	Projection System	DLP Single 0.65" 1080p	DLP Single 0.65" WXGA	DLP Single 0.55" XGA
	DMD Type	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip
	Native Resolution	1080P (1920x1080)	WXGA (1280x800)	XGA (1024x768)
	Brightness	4000lm	4000lm	4000lm
	Contrast Ratio*	100000:1	100000:1	100000:1
	Display Color	30 Bits (1,07 billion colors)	30 Bits (1,07 billion colors)	30 Bits (1,07 billion colors)
	Aspect Ratio	16:9	16:10	4:3
	Light Source	Laser	Laser	Laser
Light Source Life*	Normal 20000 hrs	Normal 20000 hrs	Normal 20000 hrs	
<b>Optical</b>	Throw Ratio	1.38~2.13	1.45~2.24	1.82~2.81
	Zoom Ratio	1.5x	1.5x	1.5x
	Lens Shift	Vertical: 116% +14%	Vertical: 112.5% +12.5%	Vertical: 115% +24%
	Keystone Correction	2D, Vertical ± 30 degrees; Horizontal: ± 30 degrees	2D, Vertical ± 30 degrees; Horizontal: ± 30 degrees	2D, Vertical ± 30 degrees; Horizontal: ± 30 degrees
	Projection Offset**	116%	112.5%	115%
Projection Size (Diagonal)	30"~300"	30"~300"	30"~300"	
<b>Audio</b>	Built-in Speaker	10Wx1	10Wx1	10Wx1
<b>Special Feature</b>	Security	Security Bar, Kensington anti-theft lock slot	Security Bar, Kensington anti-theft lock slot	Security Bar, Kensington anti-theft lock slot
	Feature	BlueCore Laser, REC709 90%, LumiExpert, DustGuard pro, LAN control, FW upgrade via LAN, Vertical L/S, 2D Keystone, 1.5X zoom	BlueCore Laser, REC709 90%, LumiExpert, DustGuard pro, LAN control, FW upgrade via LAN, Vertical L/S, 2D Keystone, 1.5X zoom	BlueCore Laser, REC709 90%, LumiExpert, DustGuard pro, LAN control, FW upgrade via LAN, Vertical L/S, 2D Keystone, 1.5X zoom
<b>Connectivity</b>	I/O Port	PC in (D-sub 15pin) x 2 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-I (2.0/Power Supply 1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-I (service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 2 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-I (2.0/Power Supply 1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-I (service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 2 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-I (2.0/Power Supply 1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-I (service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)
<b>Compatibility</b>	Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking
	Horizontal Frequency	15K~102KHz	15K~102KHz	15K~102KHz
	Vertical Scan Rate	23~120KHz	23~120KHz	23~120KHz
	HDTV Compatibility	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p
	Video Compatibility	NTSC;PAL;SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM
<b>Power</b>	Power Consumptions(Typical)	300W	300W	300W
	Standby Power consumption	<0.5W	<0.5W	<0.5W
	Power Supply	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
<b>Dimension and Weight</b>	Product Dimensions (WxHxD)	410 x 158 x 272 mm	410 x 158 x 272 mm	410 x 158 x 272 mm
	Product Weight	5.6 kg	5.6 kg	5.6 kg
<b>Operation Condition</b>	Noise Level (Normal/Eco)	33 /29 dB	33 /29 dB	33 /29 dB
	Operating Temperature	0~40°C	0~40°C	0~40°C
<b>Accessories</b>	Accessories (Standard)	Remote Control w/ Battery (RCE015) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCE015) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCE015) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1
	Accessories (Optional)	3D Glasses (5J.J9H25.002) Wireless Dongle - WDRT8192 USB Dongle( 5J.J3F28.X01) Wireless Dongle - QCast Mirror QP20 (5A.JH328.10X) Wireless Dongle - QCast QP01 (5J.JCK28.X01) Ceiling mount Anti-Dust Filter (FTFS01)	3D Glasses (5J.J9H25.002) Wireless Dongle - WDRT8192 USB Dongle( 5J.J3F28.X01) Wireless Dongle - QCast Mirror QP20 (5A.JH328.10X) Wireless Dongle - QCast QP01 (5J.JCK28.X01) Ceiling mount Anti-Dust Filter (FTFS01)	3D Glasses (5J.J9H25.002) Wireless Dongle - WDRT8192 USB Dongle( 5J.J3F28.X01) Wireless Dongle - QCast Mirror QP20 (5A.JH328.10X) Wireless Dongle - QCast QP01 (5J.JCK28.X01) Ceiling mount Anti-Dust Filter (FTFS01)
<b>OSD</b>	On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 languages)		

## Environment Notice

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\*All related Optical Value is measure by Standard Lens.

\*The Contrast is measure by Full On Full Off standard.



SU754	SH753	SW752	SX751
DLP Single 0.55" WUXGA	DLP Single 0.65" 1080p	DLP Single 0.65" WXGA	DLP Single 0.55" XGA
DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip
WUXGA (1920x1200)	1080P (1920x1080)	WXGA (1280x800)	XGA (1024x768)
4700lm	4300lm	4700lm	4300lm
13000:1	13000:1	13000:1	13000:1
30 Bits (1,07 billion colors)	30 Bits (1,07 billion colors)	30 Bits (1,07 billion colors)	30 Bits (1,07 billion colors)
16:10	16:9	16:10	4:3
Lamp	Lamp	Lamp	Lamp
Economic 3500 hrs;Normal 2500 hrs; SmartEco 4500 hrs	Economic 3500 hrs;Normal 2500 hrs; SmartEco 4500 hrs	Economic 3500 hrs;Normal 2500 hrs; SmartEco 4500 hrs	Economic 3500 hrs;Normal 2500 hrs; SmartEco 4500 hrs
1.39~2.09	1.39~2.09	1.46~2.2	1.83~2.75
1.5x	1.5x	1.5x	1.5x
N/A	N/A	N/A	N/A
2D,Vertical ± 30 degrees; Horizontal: ± 30 degrees	2D,Vertical ± 30 degrees; Horizontal: ± 30 degrees	2D,Vertical ± 30 degrees; Horizontal: ± 30 degrees	2D,Vertical ± 30 degrees; Horizontal: ± 30 degrees
108%	115%	110%	115%
30"~300"	30"~300"	30"~300"	30"~300"
10Wx1	10Wx1	10Wx1	10Wx1
Security Bar,Kensington anti-theft lock slot	Security Bar,Kensington anti-theft lock slot	Security Bar,Kensington anti-theft lock slot	Security Bar,Kensington anti-theft lock slot
LAN Control, 2D Keystone, 1.5X Zoom, Infographic mode	LAN Control, 2D Keystone, 1.5X Zoom, Infographic mode	LAN Control, 2D Keystone, 1.5X Zoom, Infographic mode	LAN Control, 2D Keystone, 1.5X Zoom, Infographic mode
PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)
VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking
15K~102KHz	15K~102KHz	15K~102KHz	15K~102KHz
23~120KHz	23~120KHz	23~120KHz	23~120KHz
1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p
NTSC;PAL;SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM
365W	365W	365W	365W
<0.5W	<0.5W	<0.5W	<0.5W
AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
314 x117 x 233 mm	314 x117 x 233 mm	314 x117 x 233 mm	314 x 117 x 233 mm
3.3 kg	3.3 kg	3.3 kg	3.3 kg
36/31 dB	36/31 dB	36/31 dB	36/31 dB
0~40°C	0~40°C	0~40°C	0~40°C
Remote Control w/ Battery (RCS011) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCS011) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCS011) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCS011) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1
Spare Lamp Kit (5J.JFG05.001) 3D Glasses (5J.J9H25.002) RS232 Cable Carry Bag Wireless Dongle - QCast (5J.JCK28.X01) Wireless Kit - InstaShow WDC10 (5J.JF828.X30)	Spare Lamp Kit (5J.JFG05.001) 3D Glasses (5J.J9H25.002) RS232 Cable Carry Bag Wireless Dongle - QCast (5J.JCK28.X01) Wireless Kit - InstaShow WDC10 (5J.JF828.X30)	Spare Lamp Kit (5J.JFG05.001) 3D Glasses (5J.J9H25.002) RS232 Cable Carry Bag Wireless Dongle - QCast (5J.JCK28.X01) Wireless Kit - InstaShow WDC10 (5J.JF828.X30)	Spare Lamp Kit (5J.JFG05.001) 3D Glasses (5J.J9H25.002) RS232 Cable Carry Bag Wireless Dongle - QCast (5J.JCK28.X01) Wireless Kit - InstaShow WDC10 (5J.JF828.X30)
Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 languages)			

# Projector



Model Name		MH733	MW732	MX731	MH760
Display	Projection System	DLP Single 0.65" 1080p	DLP Single 0.65" WXGA	DLP Single 0.55" XGA	DLP Single 0.65" 1080p
	DMD Type	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip
	Native Resolution	1080P (1920x1080)	WXGA (1280x800)	XGA (1024x768)	1080P (1920x1080)
	Brightness	4000lm	4000lm	4000lm	5000lm
	Contrast Ratio*	16000:1	20000:1	20000:1	3000:1
	Display Color	30 Bits (1.07 billion colors)	30 Bits (1.07 billion colors)	30 Bits (1.07 billion colors)	30 Bits (1.07 billion colors)
	Aspect Ratio	16:9	16:10	4:3	16:9
	Light Source	Lamp	Lamp	Lamp	Lamp
	Light Source Life*	Economic 8000 hrs;LampSave 15000 hrs;Normal 4000 hrs;SmartEco 8000 hrs	Economic 8000 hrs;LampSave 15000 hrs;Normal 4000 hrs;SmartEco 8000 hrs	Economic 8000 hrs;LampSave 15000 hrs;Normal 4000 hrs;SmartEco 8000 hrs	Normal 2000 hrs;Economic 2500 hrs
Optical	Throw Ratio	1.15~1.5	1.21~1.57	1.51~1.97	1.15-1.5
	Zoom Ratio	1.3x	1.3x	1.3x	1.3x
	Lens Shift	N/A	N/A	N/A	Vertical: 109%+6%
	Keystone Correction	2D, (Auto)Vertical ± 30 degrees/ Horizontal ± 20 degrees	2D, (Auto)Vertical ± 30 degrees/ Horizontal ± 20 degrees	2D, (Auto)Vertical ± 30 degrees/ Horizontal ± 20 degrees	2D,Vertical ± 30 degrees; Horizontal ± 30 degrees
	Projection Offset**	115%	110%	107.50%	109%
Audio	Built-in Speaker	10Wx1	10Wx1	10Wx1	10W x 2
	Special Feature	Security Bar,Kensington anti-theft lock slot	Security Bar,Kensington anti-theft lock slot	Security Bar,Kensington anti-theft lock slot	Security Bar,Kensington anti-theft lock slot
Connectivity	I/O Port	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.0A/ Reader) x 1 USB Type A-2 (2.0/Power Supply1.0A/ Wireless Dongle) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.0A/ Reader) x 1 USB Type A-2 (2.0/Power Supply1.0A/ Wireless Dongle) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.0A/ Reader) x 1 USB Type A-2 (2.0/Power Supply1.0A/Wireless Dongle) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)
	Feature	LAN Control,Network Display, USB Reader,2D Keystone,Infographic mode	LAN Control,Network Display, USB Reader,2D Keystone,Infographic mode	LAN Control,Network Display, USB Reader,2D Keystone,Infographic mode	LAN Control,Vertical Lens Shift, 2D keystone, 1.3x Zoom
Compatibility	Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking
	Horizontal Frequency	15K~102KHz	15K~102KHz	15K~102KHz	15K~102KHz
	Vertical Scan Rate	23~120Hz	23~120Hz	23~120Hz	23~120Hz
	HDTV Compatibility	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	480i;480p;576i;576p;720p;1080i;1080p
	Video Compatibility	NTSC;PAL;SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM
Power	Power Consumptions(Typical)	320W	320W	320W	490W
	Standby Power consumption	<0.5W	<0.5W	<0.5W	<0.5W
	Power Supply	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
Dimension and Weight	Product Dimensions (WxHxD)	296 x 120 x 221 mm	296 x 120 x 221 mm	296 x 120 x 221 mm	411.4x118.4x267.5 mm
	Product Weight	2.5 kg	2.5 kg	2.5 kg	4.9 kg
Operation Condition	Noise Level (Normal/Eco)	33/29 dB	33/29 dB	33/29 dB	36/33 dB
	Operating Temperature	0~40°C	0~40°C	0~40°C	0~40°C
Accessories	Accessories (Standard)	Remote Control w/ Battery (RCE013) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCE013) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCE013) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCA022) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1
	Accessories (Optional)	Spare Lamp Kit (5J,JGT05.001) 3D Glasses (5J,J9H25.002) Wireless Dongle - WDRT8192 USB Dongle( 5J,JF28.X01) Wireless Dongle - QCast Mirror QP20 (5A,JH328.10X) Wireless Dongle - QCast QP01 (5J,JCK28.X01) Carry Bag (QS1) Ceiling mount	Spare Lamp Kit (5J,JGS05.001) 3D Glasses (5J,J9H25.002) Wireless Dongle - WDRT8192 USB Dongle( 5J,JF28.X01) Wireless Dongle - QCast Mirror QP20 (5A,JH328.10X) Wireless Dongle - QCast QP01 (5J,JCK28.X01) Carry Bag (QS1) Ceiling mount	Spare Lamp Kit (5J,JGR05.001) 3D Glasses (5J,J9H25.002) Wireless Dongle - WDRT8192 USB Dongle( 5J,JF28.X01) Wireless Dongle - QCast Mirror QP20 (5A,JH328.10X) Wireless Dongle - QCast QP01 (5J,JCK28.X01) Carry Bag (QS1) Ceiling mount	Spare Lamp Kit (5J,JDP05.001) 3D Glasses (5J,J9H25.002) Wireless Dongle - QCast Mirror QP20 (5A,JH328.10X) Wireless Dongle - QCast QP01 (5J,JCK28.X01) Wireless Kit - InstaShow WDC10 (5J,JF828.X30) Ceiling mount
OSD	On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/Thai/ Traditional Chinese /Vietnam/ Persian (30 languages)			

## Environmental Notice

\*LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

\*All related Optical Value is measure by Standard Lens.

\*The Contrast is measure by Full On Full Off standard.



MU641	MW612	MX611	MS610
DLP Single 0.47" WUXGA	DC3	DC3	DC3
DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip
WUXGA (1920x1200)	WXGA (1280x800)	XGA (1024x768)	SVGA (800x600)
4000lm	4000lm	4000lm	4000lm
10000:1	20000:1	20000:1	20000:1
30 Bits (1.07 billion colors)	30 Bits (1.07 billion colors)	30 Bits (1.07 billion colors)	30 Bits (1.07 billion colors)
16:10	16:10	4:3	4:3
Lamp	Lamp	Lamp	Lamp
Economic 10000 hrs;LampSave 15000 hrs;Normal 4000 hrs;SmartEco 8000 hrs	Economic 10000 hrs;LampSave 15000 hrs;Normal 4000 hrs;SmartEco 8000 hrs	Economic 10000 hrs;LampSave 15000 hrs;Normal 4000 hrs;SmartEco 8000 hrs	Normal 4000 hrs;Economic 10000 hrs;SmartEco 8000 hrs;LampSave 15000 hrs
1.47~1.76	1.55~1.7	1.96~2.15	1.96~2.15
1.2x	1.1x	1.1x	1.1x
N/A	N/A	N/A	N/A
ID,Vertical ± 40 degrees	ID,Vertical ± 30 degrees	ID,Vertical ± 30 degrees	ID,Vertical ± 30 degrees
100%	100%	110%	110%
30"~300"	30"~300"	30"~300"	30"~300"
2Wx1	2Wx1	2Wx1	2Wx1
Security Bar;Kensington anti-theft lock slot	Security Bar;Kensington anti-theft lock slot	Security Bar;Kensington anti-theft lock slot	Security Bar;Kensington anti-theft lock slot
Optional Wireless Presentation - QCast Mirror, Infographic mode	Optional Wireless Presentation - QCast Mirror, Infographic mode	Optional Wireless Presentation - QCast Mirror, Infographic mode	Optional Wireless Presentation - QCast Mirror, Infographic mode
PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (3.5mm Mini Jack) x 1 Microphone in (Mini Jack) x 1 LAN (RJ45) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 DC 12V Trigger (3.5mm Jack) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)
VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking
15K~102KHz	15K~102KHz	15K~102KHz	15K~102KHz
23~120KHz	23~120KHz	23~120KHz	23~120KHz
1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	480i;480p;576i;576p;720p;1080i;1080p
NTSC;PAL;SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM
300W	320W	320W	320W
<0.5W	<0.5W	<0.5W	<0.5W
AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
353 x135 x272 mm	296 x120 x 221mm	296 x120 x 221mm	296 x120 x 221mm
3.7 kg	2.3 kg	2.3 kg	2.3 kg
33/29 dB	34/29 dB	34/29 dB	34/29 dB
0~40°C	0~40°C	0~40°C	0~40°C
Remote control w/ Battery (RCX014) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote control w/ Battery (RCX014) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote control w/ Battery (RCX014) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote control w/ Battery (RCX014) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1
Spare Lamp Kit (5J.JH405.001) 3D Glasses (5J.JH25.002) Wireless Dongle - QCast Mirror QP20 (5A.JH328.10X) Wireless Dongle - QCast QP01 (5J.JCK28.X01) Wireless Kit - InstaShow WDC10 (5J.JF828.X30) Ceiling mount	Spare Lamp Kit (5J.JH505.001) 3D Glasses (5J.JH25.002) Wireless Dongle - QCast Mirror (5A.JH328.10X) Wireless Dongle - QCast (5J.JCK28.X01) Carry Bag (Q51) Ceiling mount	Spare Lamp Kit (5J.JGR05.001) 3D Glasses (5J.JH25.002) Wireless Dongle - QCast Mirror (5A.JH328.10X) Wireless Dongle - QCast (5J.JCK28.X01) Carry Bag (Q51) Ceiling mount	Spare Lamp Kit (5J.JGR05.001) 3D Glasses (5J.JH25.002) Wireless Dongle - QCast Mirror (5A.JH328.10X) Wireless Dongle - QCast (5J.JCK28.X01) Carry Bag (Q51) Ceiling mount
Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese / Vietnam/ Persian (30 languages)			Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnamese (30 Languages)

# Projector



Model Name		MH606	MW605	MX604
<b>Display</b>	Projection System	DLP Single 0.65" 1080p	DC3	DC3
	DMD Type	DC3 DMD Chip	DC3 DMD Chip	DC3 DMD Chip
	Native Resolution	1080P (1920x1080)	WXGA (1280x800)	XGA (1024x768)
	Brightness	3500lm	3600lm	3600lm
	Contrast Ratio*	10000:1	20000:1	20000:1
	Display Color	30 Bits (1.07 billion colors)	30 Bits (1,07 billion colors)	30 Bits (1,07 billion colors)
	Aspect Ratio	16:9	16:10	4:3
	Light Source	Lamp	Lamp	Lamp
Light Source Life*	Normal 5000 hrs;Economic 10000 hrs;SmartEco 10000 hrs;LampSave 15000 hrs	Normal 5000 hrs;Economic 10000 hrs;SmartEco 10000 hrs;LampSave 15000 hrs	Normal 5000 hrs;Economic 10000 hrs;SmartEco 10000 hrs;LampSave 15000 hrs	
<b>Optical</b>	Throw Ratio	1.49~1.64	1.55~1.7	1.96~2.15
	Zoom Ratio	1.1x	1.1x	1.1x
	Lens Shift	N/A	N/A	N/A
	Keystone Correction	1D,Vertical ± 30 degrees	1D,Vertical ± 30 degrees	1D,Vertical ± 30 degrees
	Projection Offset**	108%	100%	110%
Projection Size (Diagonal)	30"~300"	30"~300"	30"~300"	
<b>Audio</b>	Built-in Speaker	2Wx1	2Wx1	2Wx1
<b>Special Feature</b>	Security	Security Bar;Kensington anti-theft lock slot	Security Bar;Kensington anti-theft lock slot	Security Bar;Kensington anti-theft lock slot
	Feature	Optional Wireless Presentation - QCast Mirror, Infographic mode	Optional Wireless Presentation - QCast Mirror, Infographic mode	Optional Wireless Presentation - QCast Mirror, Infographic mode
<b>Connectivity</b>	I/O Port	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)	PC in (D-sub 15pin) x 1 Monitor out (D-sub 15pin) x 1 HDMI x 2/ MHL x 1 Composite Video in (RCA) x 1 S-Video in (Mini Din 4 pin) x 1 Audio in (3.5mm Mini Jack) x 1 Audio out (3.5mm Mini Jack) x 1 USB Type A-1 (2.0/Power Supply1.5A) x 1 USB Type Mini B-1(service/Page up&down) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front/Top)
<b>Compatibility</b>	Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking
	Horizontal Frequency	15K~102KHz	15K~102KHz	15K~102KHz
	Vertical Scan Rate	23~120KHz	23~120KHz	23~120KHz
	HDTV Compatibility	480i;480p;576i;576p;720p;1080i;1080p	480i;480p;576i;576p;720p;1080i;1080p	480i;480p;576i;576p;720p;1080i;1080p
	Video Compatibility	NTSC;PAL;SECAM	NTSC;PAL;SECAM	NTSC;PAL;SECAM
<b>Power</b>	Power Consumption(Typical)	260W	260W	260W
	Standby Power consumption	<0.5W	<0.5W	<0.5W
	Power Supply	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
<b>Dimension and Weight</b>	Product Dimensions (WxHxD)	296 x 120 x 221mm	296 x 120 x 221mm	296 x 120 x 221mm
	Product Weight	2.3 kg	2.3 kg	2.3 kg
<b>Operation Condition</b>	Noise Level (Normal/Eco)	33/29 dB	33/29 dB	33/29 dB
	Operating Temperature	0~40°C	0~40°C	0~40°C
<b>Accessories</b>	Accessories (Standard)	Remote Control w/ Battery (RCX013) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCX013) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1	Remote Control w/ Battery (RCX013) Power Cord (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) User Manual CD x 1 Quick Start Guide x 1
	Accessories (Optional)	Spare Lamp Kit (5JJGX05.001) 3D Glasses P/N (5J9H25.002) Wireless Dongle - QCast Mirror (5A,JH328.10X) Wireless Dongle - QCast (5J,JCK28.X01) Carry Bag (Q51) Ceiling mount	Spare Lamp Kit (5J,JGE05.001) 3D Glasses P/N (5J9H25.002) Wireless Dongle - QCast Mirror (5A,JH328.10X) Wireless Dongle - QCast (5J,JCK28.X01) Carry Bag (Q51) Ceiling mount	Spare Lamp Kit (5J,JGP05.001) 3D Glasses P/N (5J9H25.002) Wireless Dongle - QCast Mirror (5A,JH328.10X) Wireless Dongle - QCast (5J,JCK28.X01) Carry Bag (Q51) Ceiling mount
<b>OSD</b>	On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/Vietnamese (30 Languages)		


## Environment Notice

\*LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

\*All related Optical Value is measure by Standard Lens.

\*The Contrast is measure by Full On Full Off standard.

# Wireless Presentation Device

Model Name	InstaShow™ (WDC10)				
<b>General Specifications</b>	Color	Black	Data Rate Wireless	Up to 400Mbps	
	Support Platform	Windows, MAC, Chrome. Any OS supports HDMI standard 1.4	Authentication Protocol	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	
	Video Outputs	HDMI 1.4, comply with HDCP	Security (encryption )	AES 128 bit	
	Frame Rate	Up to 30 fps depending on environment	Reach	Max. 8m between InstaShow Button and InstaShow Host	
	Output Resolution	800 x 600, 1280x720 (720P), 1024 x 768 (XGA), 1280 x 768, 1280x800(WXGA), 1280 x 1024, 1280 x 960, 1360 x 768, 1440 x 900, 1400 x 1050, 1680 x 1050, 1920x1080 (1080p)	Temperature Range	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	
	Input Resolution	Up to 1920x1080			
	Simultaneous Connections	16 pcs	Humidity	Operation: 10% to 80% relative humidity, non-condensing Storage: 5% to 90% relative humidity, non-condensing	
	Audio	Stereo, Radio quality 16 bits 48KHz			
	Wireless	IEEE 802.11ac, 5GHz, 2T2R			
<b>InstaShow Package</b>	InstaShow Button	x2	Adapter	x1	
	InstaShow Host	x1	Velcro Strap (black)	x1	
	Cradle	x1	Quick Start Guide	x1	
	USB Power Cable	x1 (150cm, USB Type A 3.0, micro USB)	Safety Statement	x1	
	HDMI Cable	x1 (80cm)	Double-side Sponge Tap	x1	
	USB Power Cable	x1 (80cm)	Rubber Feet	x4	
	Antenna	x2 (Black)	Screws	x4	
<b>InstaShow Button</b>	Cable	USB Type A, HDMI Cable	Power Supply	DC 5V±10%, 0.9A	
	Reset Button	x1	Power Consumption	Normal: 4.5W	
	Mode Key	x1	Dimension (WxHxD)	84.5 x 298 x 19.9mm	
	LED	*Red (boosting), Green (wifi connected), Blue (presenting)	Weight	100g	
<b>InstaShow Host</b>	Power Button	x1	DC Power Jack	x1 (micro USB)	
	Paring Key	x1	Power Supply	DC 5V±10%, 1.5A	
	LAN	x1(10/100 Mbps)	Power Consumption	Normal: 5W Network standby: 2W HDMI standby: 0.02W	
	Video Output	x1 HDMI 1.4 (video and audio)	Dimension (WxHxD)	110 x 110 x 27mm (99mm with antenna)	
	LED	*Red (boosting), Green (ready for connection), Blue (presenting)	Weight	150g (with antenna)	
<b>InstaShow Cradle</b>	Dimension (WxHxD)	85 x 97.5 x 170.4 mm	Weight	630g	
<b>InstaShow Cradle</b>	InstaShow Button	x2			
	Cradle	x1			
	USB Extended Cable	x1 (80cm)			
	Quick Start Guide	x1			
	Safety Statement	x1			

## Notes

\*Please find detail LED behavior in the user manual.

\*\*Wireless connection speed depends on wireless environment.

\*\*\*You may purchase optional InstaShow Button Kit for up to sixteen users in your meeting room. Please contact local dealers for more information.

Model Name	QCast Mirror HDMI Wireless Dongle   QP20				
<b>General Specifications</b>	Dimensions(W x H x D)	84 x 11 x 32 mm	Frequency Band	2.4G/5G* (default setting)	
	Input Terminals	Micro USB	Color	White	
	Output Terminals	HDMI 1.2	CPU	AM8252	
	Weight	30g approx.	DRAM	DDR3 128MB	
	Wireless Standard	IEEE 802.11a/b/g/n/ac	NAND	128MB	
	Security	WPA/WPA2			
	LED	Blue LED indication for Power and WiFi status	Power	DC 5V/1A, through Micro USB port	
	Output Resolution	1280x720 @60hz 1920x1080 @30hz 1920x1080 @24hz	Video Support	Max. 1080p@30p video decode	
<b>System Requirement</b>	PC	Windows: OS Windows 8.1 and later with Miracast support * Mirror Screen support depends on Wi-Fi module and graphics chipset.			
		Mac OS: Mac OS X 10.11 and above with Mirror Screen support *Recommended Models: Mac Book series and iMac series after E/2015			
	Tablet/SmartPhone	iOS: iOS9.3 and later with Mirror Screen support			
		Android: Android 4 above with Mirror Screen support WindowsPhone: Windows Phone 8.1 and later with Mirror Screen support			

## Notes

\* 5G Wifi only support Band1 (5.150-5.250GHz)

\* Please make sure your device is upgraded to the latest version of OS which supports the mirror function.

\* Transmission quality depends on the Wi-Fi environment and the mirror function's compatibility with different mobile devices. To ensure the best transmission quality, click here to check the list of compatible devices.





Because it matters



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