

X416

Compact and powerful









- Bright XGA projector 4300 ANSI lumens
- Installation flexibility Vertical lens shift and 1.36x zoom
- Ultimate Control Full support for Crestron, Extron, AMX, PJ-Link and Telnet LAN commands
- Easy connectivity HDMI, MHL, VGA, 10W speaker

Make your presentations count regardless of the ambient light level using the bright X416. Designed for businesses and professional installation environments this compact and powerful projector can be installed or taken on the move.

Easy to connect to with multiple inputs including two HDMI, MHL, VGA and a built in 10W speaker. You can even present wirelessly using the HDCast Pro (sold separately) or use the USB Power to connect and power HDMI dongles such as the Google Chromecast.



Specifications

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Display technology DLP	Specifications	
Resolution	Display/image	
Brightness	Display technology	DLP
Contrast ratio Native aspect ratio 16:9 Aspect ratio - compatible 4:3 Keystone correction - horizontal Horizontal scan rate Vertical scan rate 15 - 91Khz Vertical scan rate 24 - 85(120 for 3D)Hz Uniformity 80% Screen size Lamp info Light source type Lamp life (hours) 3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+) Optical Throw ratio 1:38*1 - 1.9:1 Projection distance (m) 2:38*1 - 1.9:1 Projection distance (m) 2:59*8 - 21.42 Lens shift Vertical +1786 Native offset 98% Connections Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbP/RGB), 1 x Composite video, 2 x Audio 3.5mm, 1 x USBA-power TA Control 1 x RS232, 1 x RJ46, 1 x mini USB mouse/service General Noise level (typical) 32:0B PC compatibility FID, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac VISBA-power TA Control 1 x RS232, 1 x RJ46, 1 x mini USB mouse/service General Noise level (typical) 32:0B FID, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac VISBA-power TA Control 1 x RS232, 1 x RJ46, 1 x mini USB mouse/service General Noise level (typical) 32:0B FID, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac VISBA-power TA Control 1 x RS232, 1 x RJ46, 1 x mini USB mouse/service General Noise level (typical) 32:0B FID, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac VISBA-power TA Control 1 x RS232, 1 x RJ46, 1 x mini USB mouse/service General Noise level (typical) 32:0B FID, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac VISBA-power TA Control 1 x RS232, 1 x RJ46, 1 x mini USB mouse/service General Noise level (typical) 32:0B FID, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac VISBA-power TAB Control 1 x RS232, 1 x RJ46, 1 x mini USB mouse/service General Noise level (typical) 50:0C FID, TRIP,	Resolution	XGA (1024x768)
Native aspect ratio 16:9 Aspect ratio 16:0 Aspect ratio 17:0 Aspect ratio	Brightness	4.300 lumens
Aspect ratio - compatible	Contrast ratio	20.000:1
Keystone correction - horizontal H-/-0° horizontal H-/-40°	Native aspect ratio	16:9
horizontal +/-40° Keystone correction - vertical 15 - 91Khz Vertical scan rate 15 - 91Khz Vertical scan rate 24 - 85(120 for 3D)Hz Uniformity 80% Screen size 0.85m ~ 7.64m (33.62° ~ 300.7°) (diagonal) Lamp Info Light source type Lamp watts 260 Lamp life (hours) 3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+) Optical Throw ratio 1.39:1 - 1.9:1 Projection distance (m) 2.3m 8.5m 2com 1.36 2com type Manual Focal length (mm) 15.98 ~ 21.42 Lens shift Vertical +17% Native offset 98% Connections Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPPb/PRGB), 1 x Composite video, 2 x Audo 3.5mm Outputs 1 x VGA (YPbP/PRGB), 1 x Audio 3.5mm, 1 x USB-A power 1A Connections Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbP/PRGB), 1 x Composite video, 2 x Audo 3.5mm 1 x Audio 3.5mm 4 x Dougles (YebPr/PRGB), 1 x Composite video, 2 x Audo	Aspect ratio - compatible	4:3
Keystone correction -	Keystone correction -	+/-0°
wertical 15 - 91Khz Vertical scan rate 24 - 85(120 for 3D)Hz Wortical scan rate 24 - 85(120 for 3D)Hz Uniformity 80% Screen size 0.85m - 7.64m (33.62* - 300.7") (diagonal) Lamp Info Lamp Light source type Lamp Lamp Watts 260 Optical 3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+) Optical 1.39:1 - 1.9:1 Throw ratio 1.39:1 - 1.9:1 Projection distance (m) 1.39:8 Zoom 1.36 Zoom type Manual Focal length (mm) 15.98 - 21.42 Lens shift Vertical +17% Native offset 98% Connections Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a One support 1 x VGA (YPBP/RGB), 1 x Composite video, 2 x Audio 3.5mm, 1 x USA - 30 apport 1 x VGA (YPBP/RGB), 1 x Audio 3.5mm, 1 x USA - 30 apport 1 x VGA (YPBP/RGB), 1 x Audio 3.5mm, 1 x USA - 30 apport 1 x VGA (YPBP/RGB), 1 x Audio 3.5mm, 1 x USA - 30 apport 1 x VGA (YPBP/RGB), 1 x Audio 3.5mm, 1 x USA - 30 apport 1 x VGA (YPBP/RGB), 1 x Audio 3.5mm, 1 x USA - 30 apport 1 x VGA (YPBP/RGB), 1 x Audio 3.5mm, 1 x USA - 30 apport 1 x VGA (YPBP/RGB), 1 x Audio 3.5mm, 1 x USA - 30 apport 1 x VGA (YPBP/RGB), 1 x Audio 3.5mm, 1 x USA	horizontal	
Horizontal scan rate	Keystone correction -	+/-40°
Vertical scan rate		
Uniformity 80% 0.85m − 7.64m (33.62* − 300.7*) (diagonal) Lamp info Light source type Lamp 200 Lamp wats 200 Lamp life (hours) 3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+) Optical Throw ratio 1.39:1 - 1.9:1 Projection distance (m) 1.3m - 8.5m Zoom 1.36 Zoom type Manual Focal length (mm) 15.98 - 21.42 Lens shift Vertical +17% Native offset 98% Connectivity Connections Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPDP/RGB), 1 x Composite video, 2 x Audio 3.5mm Outputs 1 x VGA (YPDP/RGB), 1 x Audio 3.5mm, 1 x USB-A power 1A Control 1 x RS232, 1 x RJ45, 1 x mini USB mouse/service General Noise level (typical) 32dB PC compatibility FID, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC MJ, 3.58MHz, 4.43MHz PAL Br/D(G/H/M/M), 4.43MHz SECAM Br/D(G/K/K11, 4.25/4.4MHz 480/p), 576/p, 720p(50/60Hz), 1080p(50/60Hz) 3D Compatibility Side-by-Side:1080(50/6 06, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Derating conditions 5°C - 40°C, Max, Humidity 85%, Max, Attitude 3000m Security Security bar, Kensington Look, Password protected interface Operating conditions 5°C - 40°C, Max, Humidity 85%, Max, Attitude 3000m Remote control 2x AAA batteries Basic user manual Networking LAN - control Power Power supply 100 - 240V, 50 - 60Hz Power consumption (min) 2.99kg Dilmensions (W x D x H) 315 x 224 x 114		
Screen size		
Lamp info Light source type Lamp watts 260 Lamp life (hours) 3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+) Optical Throw ratio 1.39:1 - 1.9:1 Projection distance (m) 1.3m - 8.5m 20om 1.36 Zoom 2.36 Zoom 2.37 Zoom 2.3	•	
Lamp watts 260 Lamp watts 260 Lamp life (hours) 3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+) Optical Throw ratio 1.39:1 - 1.9:1 Projection distance (m) 1.3m - 8.5m Zoom 1.36 Zoom type Manual Focal length (mm) 15.98 - 21.42 Lens shift Vertical +17% Native offset 98% Connections Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D supp		0.85m ~ 7.64m (33.62" ~ 300.7") (diagonal)
Lamp witts 260 Lamp life (hours) 3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+) Optical Throw ratio 1.39:1 - 1.9:1 Projection distance (m) 1.5m - 8.5m Zoom 1.36 Zoom type Manual Focal length (mm) 15.98 - 21.42 Lens shift Vertical +17% Native offset 98% Connectivity Connectivity Connections Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPDP/RGB), 1 x Composite video, 2 x Audio 3.5mm Outputs 1 x VGA (YPDP/RGB), 1 x Audio 3.5mm, 1 x USB-A power 1A Control 1 x RS232, 1 x RJ45, 1 x mini USB mouse/service General Noise level (typical) 32dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac PFC compatibility FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC MJ, 3.58MHz, 4.43MHz PAL B/D/G/H/M/N, 4.43MHz SECAM B/D/G/K/H/I, 4.254.4MHz 480/D, 576/D, 720/D,60/Delt, 1080/Go/Ro-Hz), 1080/Go/Ro-Hz	Lamp info	
Lamp life (hours) 3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+)		
1.39:1 - 1.9:1	Lamp watts	260
Throw ratio	Lamp life (hours)	3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+)
Projection distance (m)	Optical	
1.36	Throw ratio	
Tocal length (mm)	Projection distance (m)	
Total length (mm)	Zoom	
Vertical +17% Native offset 98%	Zoom type	
Native offset	Focal length (mm)	15.98 ~ 21.42
Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 2 x Audio 3.5 mm	Lens shift	Vertical +17%
Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 2 x Audio 3.5mm	Native offset	98%
Support	Connectivity	
X Audio 3.5mm	Connections	Inputs 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a
General Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x USB-A power 1A Control 1 x RS232, 1 x RJ45, 1 x mini USB mouse/service General Noise level (typical) 32dB PC compatibility FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac VTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4.43MHz SEA/AM B/D/G/A/K/I/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080p(50/60Hz), 1080p(50/60H		
USB-A power 1A Control 1 x RS232, 1 x RJ45, 1 x mini USB mouse/service		
Control 1 x RS232, 1 x RJ45, 1 x mini USB mouse/service		
Security		
Noise level (typical) 32dB PC compatibility FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac 2D compatibility NTSC M.U., 3.58MHz, 4.43MHz PAL BrD/G/H/I/MN, 4,43MHz SECAM BrD/G/K/K1,L, 4.25/4.4MHz 480i/p, 576i/p, 720p;60/60Hz), 1080i(50/60Hz), 1080i(50/60Hz), 1080i(50/60Hz) 3D compatibility Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Pall SD 3D Full SD Security Security bar,Kensington Lock,Password protected interface OSD / display languages 21 languages: Arabic,Czech,Danish,Dutch,English,Farsi,Finnish,French,German,Greek Operating conditions 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Remote control Data remote with laser and mouse function Speaker count 1 Watts per speaker 10W In the box AC power cord Remote control 2x AAA batteries Basic user manual Networking LAN - control Yes Power Power consumption (min) 0.5W (standby) Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions		Control 1 x RS232, 1 x RJ45, 1 x mini USB mouse/service
PC compatibility 2D compatibility	General	
NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080p(50/60Hz), 1080p(50/60Hz) 3D compatibility	Noise level (typical)	32dB
4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080p(50/60Hz), 1080p(50/60Hz) 3D compatibility Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 SD / 60 Security Security Security bar,Kensington Lock,Password protected interface OSD / display languages 21 languages: Arabic,Czech,Danish,Dutch,English,Farsi,Finnish,French,German,Greel Operating conditions 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Remote control Data remote with laser and mouse function Speaker count Watts per speaker 10W In the box AC power cord Remote control 2x AAA batteries Basic user manual Networking LAN - control Yes Power Power supply 100 ~ 240V, 50 ~ 60Hz 0.5W Standby) Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114	PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
576/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) 3D compatibility	2D compatibility	
Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Full 3D		
1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 3D Full 3D Security Security bar, Kensington Lock, Password protected interface OSD / display languages 21 languages:		
Security Servic, Password protected interface 21 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek Security Servic, Max. Humidity 85%, Max. Altitude 3000m Remote control Speaker count 1 Watts per speaker 10W In the box AC power cord Remote control 2x AAA batteries Basic user manual Networking LAN - control Yes Power Power Power supply 100 ~ 240V, 50 ~ 60Hz O.5W Standby) Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114	3D compatibility	
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Watts per speaker 10W In the box AC power cord Remote control 2x AAA batteries Basic user manual Networking LAN - control Yes Power Power supply Power consumption (standby) 0.5W Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114		
AC power cord Remote control 2x AAA batteries Basic user manual Networking LAN - control Yes Power Power supply 100 ~ 240V, 50 ~ 60Hz Power consumption (standby) Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114	•	
Remote control 2x AAA batteries Basic user manual Networking LAN - control Yes Power Power supply 100 ~ 240V, 50 ~ 60Hz Power consumption (standby) Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114		
2x AAA batteries Basic user manual Networking LAN - control Yes Power 0.5W Power consumption (standby) 0.5W Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions 2.99kg Dimensions (W x D x H) 315 x 224 x 114		
Networking		
LAN - control Yes Power 100 ~ 240V, 50 ~ 60Hz Power consumption (standby) 0.5W Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions 2.99kg Dimensions (W x D x H) 315 x 224 x 114		Basic user manual
Power Power supply	Networking	
Power supply 100 ~ 240V, 50 ~ 60Hz Power consumption (standby) 0.5W Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions Value of the consumption (wax) Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114	LAN - control	Yes
Power consumption (standby) 0.5W Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions 2.99kg Dimensions (W x D x H) 315 x 224 x 114	Power	_
(standby) Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114	Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (min) 249W Power consumption (max) 309W Weight and dimensions .99kg Dimensions (W x D x H) 315 x 224 x 114	Power consumption	0.5W
Power consumption (max) 309W Weight and dimensions 2.99kg Dimensions (W x D x H) 315 x 224 x 114	(standby)	
Weight and dimensions Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114	Power consumption (min)	
Net weight 2.99kg Dimensions (W x D x H) 315 x 224 x 114	Power consumption (max)	309W
Dimensions (W x D x H) 315 x 224 x 114	Weight and dimensions	
,	Net weight	2.99kg
	Dimensions (W x D x H)	315 x 224 x 114



