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**HDCP 2.3**



**BenQ DLP Projector**

**W2720i**

**Feature Highlight**

- \* True 4K UHD (3840 x 2160) 8.3M Pixel resolution
- \* 2500lm Brightness 4LED
- \* AI PQ for ambient condition
- \* BenQ CinematicColor™ 90% DCI-P3 Wide Color Gamut
- \* HDR10/HLG/HDR10+
- \* HDR Pro™
- \* Factory Calibrated Report
- \* 1.3X big zoom lens and Vertical lens shift
- \* Google certificated android TV dongle with Netflix – Q502



**Display**

|                     |   |
|---------------------|---|
| Projection System   | DLP   |
| DMD type            | 0.47"   |
| Native Resolution   | 4K UHD (3840 x 2160) Resolution                             |
| Brightness          | 2500 ANSI Lumens  |
| Contrast Ratio*     | Native 760:1, Infinity (w/ Dynamic Dimming)                 |
| Display Color       | 30 Bits (1.07 billion colors)                               |
| Aspect Ratio        | Native 16:9 (3 aspect ratio selectable)                     |
| Light Source        | 4LED  |
| Light Source life** | Normal 20000 hrs<br>Economic 30000 hrs<br>Dynamic 20000 hrs |

**Optical**

|   |   |
|---|---|
| Throw Ratio                             | 1.0 ~ 1.3 (120° @ 2.65m)                          |
| Zoom Ratio                              | 1.3X  |
| Lens                                    | F/# 1.8 - 1.85 mm, f 10.6 (Wide)~13.7(Tele)       |
| Keystone Correction                     | 2D, Auto Vertical & Manual Horizontal ± 30 degree |
| Projection Offset                       | 100%  |
| LenShift                                | Vertical ±5%                                      |
| Projection Size (Clear Focus / Maximum) | 40" ~ 120" / 30" ~ 300"                           |

**Audio**

|                  |      |
|------------------|------|
| Built-in Speaker | 5W*2 |
|------------------|------|

**Picture**

|                          |   |
|--------------------------|---|
| Picture Mode             | *** ISF Disabled: Bright / <b>AI Cinema</b> / Cinema / FILMMAKER MODE / 3D / User / HDR AI Cinema / HDR10 / HDR10+ / HLG<br>**** ISF Enabled: Bright / AI Cinema / Cinema / FILMMAKER MODE / <b>ISF Night</b> / ISF Day |
| Rec.709 Coverage         | 98%   |
| DCI-P3 Coverage (WCG On) | 90%   |

**Special Feature**

|                         |   |
|-------------------------|---|
| Motion Enhancer         | Yes   |
| Local Contrast Enhancer | Yes   |
| ISF                     | Yes   |
| Fast Mode               | Yes (17.9ms @4K 60Hz, 1080p 60Hz, 8.7ms @1080p240Hz, 21ms@1080p120Hz) |

**Compatibility**

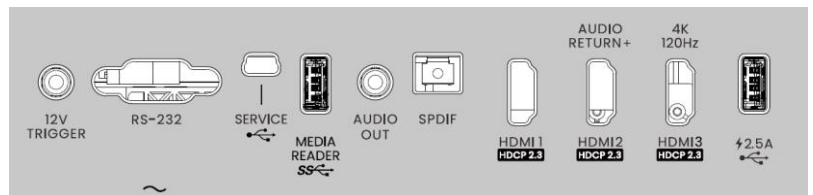
|                      |   |
|----------------------|---|
| Resolution Support   | VGA (640 x 480) to 4K UHD (3840 x 2160)           |
| Horizontal Frequency | 15K-135KHz  |
| Vertical Scan Rate   | 23-240Hz  |
| HDTV Compatibility   | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p |
| Video Compatibility  | N/A   |

**Power**

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Power Consumption(Max/Normal/Eco) | Max 290W, Normal 260W, Eco 220W |
| Standby Power Consumption         | 0.5W Max. at 100 ~ 240VAC       |
| Power Supply                      | VAC 100 ~ 240 (50/60Hz)         |

**Interface**

|  |  |
|--|--|
| HDMI-1 (HDCP 2.3)  | x 1  |
| HDMI-2 (Audio Return+) (HDCP 2.3, CEC/ARC/eARC)            | x 1 (5.1/7.1/Dolby Atmos audio pass through) |
| HDMI-3 (HDCP 2.3)  | x 1 (FRL: 4k@120Hz input/1080P@120Hz output) |
| USB 2.0 Type-A port (Media Reader/Scalar Firmware upgrade) | x 1  |
| USB 2.0 Type-A port (5V/2.5A power supply)                 | x 1  |
| USB 2.0 Type Mini B (TI Firmware upgrade)                  | x 1  |
| Audio Out (3.5mm mini jack)                                | x1   |
| I2V Trigger (3.5mm Jack)                                   | x1   |
| RS232 In (D-sub 9pin, male)                                | x1   |
| Audio Out (SPDIF)  | x1 (5.1 channel audio pass through)          |
| Hidden Space for Q502 ATV dongle                           |  |
| - HDMI Mini Male cable (HDCP2.2)                           | x 1  |
| - USB Micro-B Male cable (5V/1.5A Power supply)            | x 1  |
| IR Receiver (Front/Top)                                    | x 2  |



**Dimension and Weight**

|                            |                    |
|----------------------------|--------------------|
| Product Dimensions (WxHxD) | 420 x 143 x 305 mm |
| Product Weight             | 6.5 kg             |

**Operation Condition**

Noise Level(Normal/Eco) 28/26 dBA  
Operating Temperature 0~40 degrees (Celcius)

#### Accessories

Accessories (Standard) Remote Control  
- VV2720i (RCI074: 5JJR406.006)  
Android TV Dongle Q502 (5AJH328.01A)  
Power Cord (by region)  
User Manual E-edition  
Quick Start Guide  
Color Calibration Report  
Warranty Card (by region)  
Regulatory Statements  
Service QR Code Sticker  
Lens cover x 1

Accessories (Optional) Universal Wall Mount (T/R 0.3)

#### 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 (28 Languages)

#### Environment Notice

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

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

\*\*\* Default picture mode is **AI Cinema**

\*\*\*\* When ISF is enable, default picture mode is **ISF Night**.