



## i3PROJECTOR 2402Wi INTERACTIVE PROJECTOR

The 2800-lumen 2402Wi i3PROJECTOR combines the roles of ultra-short-throw projectors and interactive whiteboards in one multi-purpose, integrated system. Simple and straightforward, the i3PROJECTOR 2402Wi is user-friendly and has advanced features for flexible presenting.

Connecting the 2402Wi to a computer, users can operate computer software with the two interactive pens in the same way as a mouse, and can also digitally annotate the projection, without the need for an additional interactive whiteboard.

The dual pen operation enables collaborative learning and helps boost meeting creativity.

As it is mounted to the wall above the projection surface, i3PROJECTOR completely eliminates shadows.

### MAIN FEATURES

- Ultra short-throw projector
- Affordable lamp
- Interactive Technology: Infrared digital pen
- Multi-pen: one or two pens (depending on operations system)
- Interactive Area: 75" to 115" diagonal
- 2800 lumens
- WXGA 1280x800
- Aspect ratio 16:10
- Auto source
- Lamp life 5,000hrs (eco mode)
- Speaker 10W
- DLP technology



**EXTENDED LAMP WARRANTY  
EDUCATION EXCLUSIVE**

Up to 3 years, (max. 2000 hours). Only valid after  
registration on [www.i3-learning.com](http://www.i3-learning.com)

## SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| Model name                  | <b>i3PROJECTOR 2402Wi</b>   |
| DMD                         | 0.65" WXGA S450 DMD + DDP4421   |
| Lamp                        | 240W UHP Lamp   |
| Brightness                  | 2800 lumens   |
| Lamp life time (Normal/Eco) | 3500hrs/5000hrs (eco)   |
| Contrast (Typical)          | 8000:1 (full on/off, During RGB signal input, lamp power: normal)   |
| Dynamic Eco                 | Supports 100% to 70% dimming for movie mode   |
| Brightness uniformity       | 80% JBMA (Typ), 65% JBMA (Min.)   |
| DMD Offset                  | 125% ±5%  |
| Lens/Zoom                   | YM105, fixed zoom lens  |
| Throw ratio                 | TR = 0.35   |
| Throw distance              | 597mm - 731mm, 654mm@87.2"  |
| Image size (Diagonal)       | 80.2"~96.6" (Optimization on 87.2")   |
| Max. Focus range            | 70"~100" (TBD)  |
| TV Distortion               | ≤1%   |
| Flare                       | ≤4 pixels   |
| Color wheel                 | 6 segments (R78 Y44 G81 C34 W55 B68), Rotation speed: 2X  |
| Color uniformity            | ▲x  <0.03,  ▲y  <0.03   |
| Fan                         | System Fan x 1, Blower x 1  |
| Acoustic Noise              | Full mode: 35 ±2dB(A), Eco mode: 30 ±2dB(A)<br>(at 23 +/-2 degree C) (Follow ISO 7779 regulation, A-weighted sound pressure level measurement, color wheel speed 7200 rpm)                                      |
| Operation Temperature       | For 0 -- 2500 ft, 5 -- 40 °C<br>For 2500 -- 5000 ft, 5 -- 35 °C<br>For 5000 -- 10000 ft, 5 -- 30 °C   |
| I/O Interface               | VGA in x 2, VGA out x 1, HDMI x 1, S-Video x 1, Composite x 1,<br>Audio in €"RCA (L/R) x 2, Audio in €" 3.5mm jack x 2, Audio out x 1,<br>microphone x 1, Mini USB x 1, RS232 D-Sub 9pin x 1, DC 12V output x 1 |
| HDMI Version                | Version 1.4a with HDCP 1.2  |
| PC Resolution               | Native Resolution 1280x800  |
| HDMI (up to)                | Native Resolution 1280x800  |
| No. of Colors               | 1.07B (R/G/B 10 bit)  |
| Long Cable supportable      | VGA: 10m (R/G/B: 75 ±10%, H/V: 50 ±10%)<br>HDMI: 10m (with certification)   |
| Speaker                     | 10Wx1   |
| IR Receiver                 | Top and rear<br>- reception distance<br>8M at +/-0 degree horizontally and vertically<br>4M at +/- 35 degree horizontally and vertically  |
| Video Compatibility         | nNTSC: M (3.58MHz), 4.43 MHz<br>nPAL: B, D, G, H, I, M, N<br>nSECAM: B, D, G, K, K1, L<br>nHDTV: 720p, 1080i, 1080p<br>nSDTV: EDTV: 480i, 576i; 480p, 576p  |
| Digital Zoom                | 2x  |
| 3D Display                  | Yes ( DLP link 3D, HDMI 1.4a 3D)  |
| Screen Capture              | Yes (up to 1280X800)  |
| Close Caption               | Yes (CC1 to CC4)  |
| Keystone                    | Manual keystone, Vertical: - 15/+15 degree (without Auto keystone)  |
| OSD Languages               | 8 (Dutch, French, German, Danish, Swedish, Arabic, English, Norwegian)  |
| Power Supply                | Universal AC 100 – 240 V ~ 50-60 Hz with PFC input  |
| Power Consumption           | 240W: 300W±10% at 110VAC (TBD)  |
| Standby Power               | < 0.5W (When RS232 and VGA out are off)   |
| Remote Control              | 8 keys (power, directionx4, source, menu and re-sync)   |
| LED Indicator               | 3 LED indicators (lamp, temp and power/standby)   |



|                   |   |
|-------------------|---|
| Mounting          | Wall mount                                |
| Lamp Installation | Side loading                              |
| Dimension         | 357 x 367 x 135 mm (excluded feet height) |
| Weight            | <7.5kg                                    |
| Adjust Foot       | Two rear adjust foot                      |
| Security          | Security bar, Kensington lock             |

## CONNECTIVITY

|                  |   |   |
|------------------|---|---|
| VGA In           | 2 | D-Sub 15pin   |
| VGA out          | 1 | D-Sub 15pin   |
| HDMI- video in   | 1 | HDMI1.4a, DVI-Digital Signal                                    |
| S-Video          | 1 | Mini Din connector, PAL and NTSC as well as SECAM Color Formats |
| Composite- video | 1 | RCA Jack, PAL and NTSC as well as SECAM Color Formats           |
| Audio in         | 2 | 3.5mm phone jack for VGA In                                     |
| Audio in -RCA    | 2 | RCA jack (L/R) for S-video and Composite - video                |
| Audio out        | 1 | 3.5mm phone jack  |
| Microphone in    | 1 | 3.5mm phone jack  |
| Mini USB         | 1 | For firmware upgrade, interactive function                      |
| DC12V_out        | 1 | DC Jack, For Auto screen signal trigger purpose (0.2A)          |
| RS-232           | 1 | D-Sub 9pin  |

## ACCESSORIES

|                  |   |   |
|------------------|---|---|
| IR Pens          | 2 | Lightpen (active)   |
| IR Camera module | 1 | D-Sub 15pin   |
| Power cord       | 1 | 1.8m  |
| VGA cable        | 1 | 1.8m  |
| Remote Control   | 1 | Card type without laser with generic protocol, with battery |
| Documentation    | 1 | User manual with 8 languages (CD)                           |

Without lens cap, without soft case

## INTERACTIVITY

Interactive Technology: Infrared digital pen  
Detection frame rate: 60 fieldsper-second  
Interactive Area: 75" to 115" diagonal  
Resolution: 2560 x 1920 (interpolated); 640 x 480 (Native)  
Interactive Device: Digital pen  
Multi-pen: one or two pens (depending on operations system)  
Interactive Connectivity: USB cable necessary

## WARRANTY

Projectors 3 years  
Lamp 6 months, max. 1000 hrs

\*Wall mount bracket included

## AUTHORISED DISTRIBUTOR