# Optoma GB-1000 / GB-200 / GB-200 Auto Blending System Quick Start Guide

## **Caution before setup.**

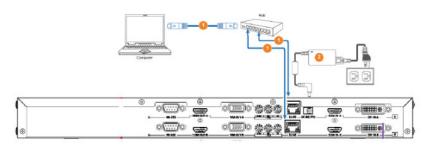
- The software is compatible with Windows 7 & Windows 8.
- Need a specific camera & a 4-port network hub are required for GB-1000 / GB-200 operation. <u>Those two items are NOT included in GB-1000 / GB-200 package</u>. Camera support list:

Webcam: Logitech<sup>®</sup> HD Webcam C920

DSLR: Canon EOS 40D/60D/650D/500D (Available in 2014 Q1/M)

\*Tripod & USB extended cable may be required for camera setup

### 1. Connecting GB-1000 / GB-200 to Control PC



To connect the blending box with other devices, there should be cables listed as below

No.	Legend	Cable	Connection
1	_	Network cable	<ul><li>GB-102 box to hub</li><li>Computer to hub</li></ul>
2		Power cord	To power socket

## Setting IP address of GB-1000 / GB-200 box & Control PC.

#### Setting IP address from Control PC.

- i. Open Network Connections by clicking the Start button 🧐, and then clicking Control Panel. In the search box, type adapter, and then, under Network and Sharing Center, click View network connections.
- ii. Right-click the "Internet Protocol(TCP/IPv4)" then click Properties 🕏.
- iii. Select "Use the following IP address" and then set PC's IP address to same network group of GB-1000 / GB-200 box. E.g. 192.168.0.XXX (XXX=10~250)
- iv. Click "OK" button to apply the setting

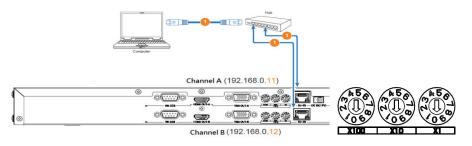
🗕 Local Area Connection Properties 🛛 🔹 💽	Internet Protocol (TCP/IP) Properties	Local Area Network (LAN) Settings	
General Authentication Advanced Connect using WMDLA nForce Networking Controller Configure This connection uses the following items: Client for Microsoft Networks Client for Microsoft	General         You can get IP settings assigned automatically if your network supports this capability. Offewerse, your need to ask your network administrator for the appropriate IP settings.         Obtain an IP address:         IP address:       132 . 168 . 0 . 99         Subnet mark:       255 . 255 . 0         Default galeway:	Automatic configuration Automatic configuration may override manual settings. To ensure the use of manual settings, disable automatic configuration.  Automatically detect settings Use automatic configuration script Address Proxy server	
Description     Transmission Control ProtocoUnternet ProtocoL The default     wide area network protocot that provides communication     across diverse interconnected networks.     Show icon in notification area when connected     v Notily me when this connection has limited or no connectivity     OK Cancel	Ottain DNS server address automatically Ouse the following DNS server addresses: Prefered DNS server:	Use a proxy server for your LAN (These settings will not apply to dial-up or VPN connections). Address: Port: 80 Advanced Bypass proxy server for local addresses OK Cancel	

#### Note: DO NOT use a proxy server for your LAN. Turn off the option from IE setting.

#### Setting IP address from GB-1000 / GB-200 Box

- Default Channel A of GB-1000 / GB-200: 192.168.0.011
- Default Channel B of GB-1000 / GB-200: 192.168.0.012

Use flat screw to adjust the last three digits of IP address front GB-1000 / GB-200 rear panel if required



### 3. Install GB-1000 / GB-200 Auto Blending Software



A. Double Click GB-1000 / GB-200 Autoblending.exe from the CD or download the software from Optoma website.

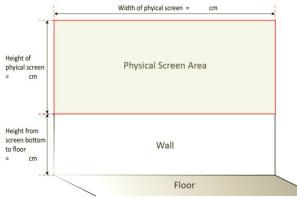
B. Note: Windows .NET Framework 4.5 is required to use auto blending software. It has been included in the CD or downloadable from Internet. (http://www.microsoft.com/net )



C. Click the icon "GB-1000 / GB-200 Auto Blending" shortcut showing on desktop once installation complete.

🛱 Auto Blending Setup: License Agreement 📃 💷 론	🛱 Auto Blending Setup: Installation Options 📃 💷 💌	🛱 Auto Blending Setup: Installation Folder 🛛 💼 📧	👷 Auto Blending Setup: Completed 📃 🗉 🔀
Please review the license agreement before installing Auto Blending. If you accept all terms of the agreement, click I Agree.	Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.	Setup will install Auto Blending in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.	Completed
BY INSTALLING OR USING THE LICENSED SOFTWARE FROM Optoma Corporation,	Select components to install:	Destination Folder	Show <u>d</u> etails
THE INDIVIDUAL IF ACTING ON BEHALF OF HIMSELF OR HERSELF (INDIVIDUAL CUSTOMER) OR	Stert Kenu Shortcuts	C:\Program Files (x86)\Optoma\AutoBlend\ Browse	
THE INDIVIDUAL WHO IS ACTING ON BEHALF OF AN EDUCATIONAL OR			
NONPROFIT INSTITUTION, GOVERNMENTAL AGENCY, OR			
OTHER (ENTITY CUSTOMER, THE INDIVIDUAL CUSTOMER AND ENTITIY CUSTOMER TOGETHER ARE CUSTOMER) IS AGREEING TO BE BOUND BY THIS SOFTWARE I ICENSE AGREEMENT (AGREEMENT).	Space required: 30.3MB	Space required: 30.3MB Space available: 50.3GB	
Cancel Nullsoft Install System v2.46	Cancel Nullsoft Install System v2.46 < Back Next >	Cancel Nullsoft Install System v2,46 < Back Install	Cancel Nullsoft Install System v2.46 < Back Gose

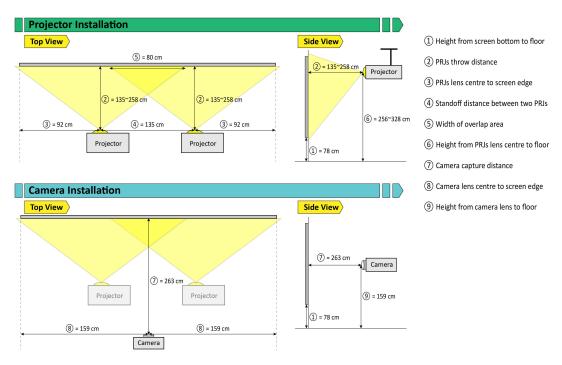
- 4. **Execute "Smart Planner" for installation plan. (**\*Smart Planner will be avilable at 2014 Q1/M)
  - A. Smart Planner delivers customized construction drawing of each case. Click "Smart Planner" option on GB-1000 / GB-200 software Home page.
  - B. Input desired blending image dimension (WxH) & environment condition following instruction.



- C. Select the specific Optoma Projector for your blending. Or select "Manual Input" if your projector is not on the list . Choose Desk or Ceiling projection
- D. Get blending installation ready following the construction drawing generated by Smart Planner

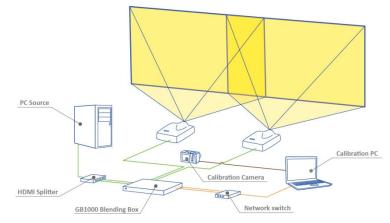


**GB-1000 Autoblending Installation Guide** (Ceiling Mount)



### 5. <u>Preparation of Projector/Camera setup</u>

A. Please install the system following this architecture. Ensure you are using same projector model with same mode setting including resolution, brightness, and image mode. Default presetting "Presentation" mode to optimize blending function.



B. Please follow Smart Planner drawing guidance for projector and camera installation. Adjust projection position adjustment, zoom & focus as required. The real projection area
 MUST be larger than desired display dimension.



### 6. Performing Auto Blending Correction

- Make sure your control PC is connected to GB-1000 / GB-200 at same network.
- Select required resolution of two projectors and then Click "Connect Blending System".



