

# EAM211 Driver Installation

## **CONFIGURATION TOOLS**

The EAM211 allows the DPG/DFT to communicate with a personal computer by USB. To do so you will need the following:



Both SmartVU and the EAM211 Drivers can be found on Governors America Corp.'s website at the following address:

http://www.governors-america.com/products/governors/Digital/dpg-series/DPG101

## 2 WINDOWS<sup>™</sup> 7 & 8 DRIVER INSTALLATION

No USB driver installation is required for WINDOWS 7 or WINDOWS 8 users. WINDOWS should automatically recognize the EAM211. However, you still need to find out which COM port through which the EAM211 will communicate. If you are using WINDOWS 7 or WINDOWS 8 then continue to section 4 EAM211 COM PORT

### WINDOWS<sup>™</sup> XP DRIVER INSTALLATION

WINDOWS XP users are required to install USB drivers manually. If you are running WINDOWS XP then do the following:

### **OPENING DEVICE MANAGER**

Installing the EAM211 device driver occurs through the Device Manager in Windows. The procedure below is the quickest way to navigate to the Device Manager.

Shipping Tool Mazila Firefox FileZila Notepad  All Programs [Search programs and files	Control Panel Devices and Printers Default Programs Help and Support Run Shut down	<ol> <li>Click on the Start button.</li> <li>In the "Search programs and files" text field, type in "device man- ager" and hit the "Enter" key or click the magnifying glass button.</li> </ol>
🎦 Start 🥔 💽 🚺 💿 🔒		
Programs (1) Motorola Device Manager Control Panel (3) Device Manager Rev View devices and printers Device Manager Device Manager	nager	3. Select "Device Manager"



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### **INSTALLING THE DRIVER**

After selecting "Device Manager" from the Start Menu, the Device Manager window will appear.

1. Plug the USB end of the EAM211 into the computer.



2. The EAM211 will appear in the Device Manager as a USB-Serial Controller



- 3. Right Click on "USB-Serial Controller" listed under "Other Devices"
- 4. A menu appears. Select "Update Driver Software"

GAC272	
Bluetooth Radios	
Computer	
Disk drives	
Display adapters	
DVD/CD-ROM drives	
Human Interface Devices	
IEEE 1394 Bus host controllers	Update Driver Software - USB-Serial Controller D
Imaging devices	
Keyboards	How do you want to search for driver software?
Mice and other pointing devices	
Network adapter:	
4 Do Other devices	Search automatically for updated driver software
USB-Serial Controller D	Windows will search your computer and the Internet for the latest driver
A T Ports (COM & LPT)	software for your device, unless you've disabled this feature in your device
ECP Printer Port (LPT1)	installation settings.
Processors	
Sound, video and game controllers	
Storage controllers	Browse my computer for driver software
System devices	Locate and install driver software manually.
D-Universal Serial Bus controllers	
▷-♥ USB Virtualization	

5. The Update Driver Software menu appears. Select "Browse my computer for driver software".

#### Select the "Browse" button. 6.



- 7. Search for the folder where you downloaded and extracted the EAM211 zip file, select it, and click the "ok" button.
- On the "Update Driver Software" Menu select the "Next" Button 8.

### EAM211 COM PORT

The EAM211's COM port number is required to communicate with SmartVU.

1. In Device Manager, click on the triangle next to "Ports (Com & LPT)" to expand it. The EAM211 will now be recognized as a device with a specific COM port number. Note this number, its required to recognize the device in SmartVU.



#### 5 **SMARTVU**

Make sure the DPG101/DFT200 is plugged into the EAM211 which is in turn plugged into the computer loaded with SmartVU.



Load GAC's SmartVU software after downloading and installing it. Once the program is running, do the following to enable communication between SmartVU and the DPG/DFT.

- 1. Click "Configure" from the main menu.
- Click "Setup Connection" from the drop down menu. 2.

A Save Data to Device A Setup Connection Language , Ramp Time U.00 %/s 0.00 %	Overspeed         Teeth           0.00         RPM         0.00           Ramp         0.00         RPM
Droop         Idle speed           0.00         RPM         0.00         %/s	ENGINE DATA
PID         Demative           PS case         0.00           1 Scale         0.00           0 Scale         0.00	
0.00           pop Function           Droop Range         Droop Speed           0.00 %         0.00 %	Special Functions Sp Soft Coupling T Rack Adjust Lead Lag Switch T Droop_Switch Hiter Samples D DD

Choose the "Comm Port" from the drop-down menu that you noted during З. section 4 EAM211 COM PORT. 

Crank termination Throi	tle Ramp Time Throttle Begin Point 0.00 %/s 0.00 %	Overspeed 0.00 RPM Ramp	Teeth 0.00
IXED SPEED PARAMETERS Speed Droop Id 0.00 RPM 0.00 RPM	Communications	R2X0 R2X1 M200 G6600	Surrent Duty Cycle
P	Data Bits    Parity   tone Stop Bits    Modbus Slave Node    2		40 60 80 100
P Scale 0.00 I Scale 0.00 D Scale 0.00 P	Cancel Comm	oct	40 60 80 100
TOOP Function Droop Range Droop S 0.00 % 0.00	peed Variable Speed Percent	Speci   Functions Sof Coupling Lea   Lag Switch Filter Samples 0.00	r Rack Adjust r Droop_Switch

- 4. Select "DPG" from the
- Select "Connect" 5.
- If the DPG/DFT is communicating with the computer properly, you will 6. see this message at the bottom left of the main menu.

**OK** Connected