TECHNICAL NOTE # 906

Re: Remote Mount on Windows 7 or 8TM for GCM II-HD Date: June 11, 2012

INTRODUCTION

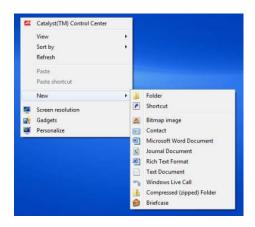
This technical note will explain how to setup and establish a "Remote Mount" connection from GCM II-HD to a network computer or other computer using Windows 7 or 8.

A network cable will be required to connect from the RJ45 network port on the GCM II-HD. If the network port on the PC is not 1gig or higher a crossover cable will be required.

REMOTE PC CONFIGURATION

For the "Remote Mount" to operate, a folder needs to be created on the PC where the information will be sent and retrieved. This folder can be on the desktop or any location on the hard drive that is easily accessible. The following information shows the folder created on the desktop.

1. On the PC where the shared folder will be located, right click the screen to open the dialog boxes as shown in Figure 1. Select "New" then "Folder" to create a folder on the desktop.





2. Provide the folder a name such as "Remote" or any name that makes logical sense for this site. Right click the folder and select "Properties" as shown in Figure 2.

Open	
Share with	
Restore previous versions	
Include in library	
Send to	
Cut	
Сору	
Create shortcut	
Delete	
Rename	

Figure 2

3. The Remote Properties screen will open at the "General" tab and show the folder name. Select the "Sharing" tab and "Share" button as shown in Figure 3 to open the "File Sharing" screen as shown in Figure 4.

General Sharing Security Previous Versions Customize Network File and Folder Sharing Remote Shared Network Path: NTRAININGPC\Remote Share Share Advanced Sharing Set custom permissions, create multiple shares, and set other advanced sharing options. Image: Advanced Sharing Password Protection People must have a user account and password for this computer to access shared folders. To change this setting, use the Network and Sharing Center.	📙 Remote Properties	
Remote Shared Network Path: \\TRAININGPC\Remote Share Advanced Sharing Set custom permissions, create multiple shares, and set other advanced sharing options. Mathematical Sharing Password Protection People must have a user account and password for this computer to access shared folders.	General Sharing Security Previous Versions Customize	
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Password Protection People must have a user account and password for this computer to access shared folders.	advanced sharing options.	
People must have a user account and password for this computer to access shared folders.	Advanced Sharing	
computer to access shared folders.	Password Protection	
To change this setting, use the <u>Network and Shanng Center</u> .		
	To change this setting, use the <u>inetwork and sharing Center</u> .	
OK Cancel Apply	OK Cancel Apply	

Figure 3

G	3 File Sharing		
	Choose people to share with		
	Type a name and then click Add, or click the arrow to find someone		
		 ▲ 	bb
	Name	Permission Level	
	Severyone	Read/Write 🔻	
	TrainingPC	Owner	
	I'm having trouble sharing		
		S <u>h</u> are	Cancel

Figure 4

Select the PC's name then select the "Share" button. Once the "Share" button has been selected the "your folder is shared" screen will open as shown in Figure 5. Select "Done" to complete.

(Bile Sharing
	Your folder is shared. You can <u>e-mail</u> someone links to these shared items, or <u>copy</u> and paste the links into another program.
	Individual Items Remote \\\TRAININGPC\Remote
	Show me all the network shares on this computer.
	Done

Figure 5

4. Select the "Advanced Sharing" button shown in Figure 3 to open the "Advanced Sharing" screen as shown in Figure 6. Select the "Share this folder" box to activate sharing of this folder. Make sure the "Share name" displays the correct folder that was created. Select "Apply" then "OK" to enable sharing.

Advanced Sharing
✓ Share this folder
Settings
S <u>h</u> are name:
Remote 👻
Add Remove
Limit the number of simultaneous users to: 20
C <u>o</u> mments:
Permissions Caching
OK Cancel Apply

Figure 6

5. To allow file transfer in both directions select the "Permissions" button as shown in Figure 6 to open the "Share Permissions" tab as shown in Figure 7. Select "Full Control" to allow writing to the folder and retrieving from the folder. Select "Apply" then "OK" to set permissions.

Permissions for Remote		— X	
Share Permissions			
Group or user names:			
Sector Se			
	A <u>d</u> d	Remove	
Permissions for Everyone	Allow	Deny	
Full Control			
Change	v		
Read	\checkmark		
Leam about access control and p	emissions		
ОК	Cancel	Apply	

Figure 7

6. Select "Network and Sharing Center" as shown in Figure 3 to open the "Password Protection" section to open the "Change sharing options for different network profiles" screen as shown in Figure 8. Ensure the "Turn on network discovery" radial button is "On". The file, printer and public folder sharing can also be turned on if needed. If changes are made, select the "Save Changes" button.

🛞 🕘 – 🔣 « All Control Panel Items 🔸 Network and Sharing Center 🔸 Advanced sharing settings 🗾 👻 🍫 Search C	ontrol Panel 🔎
	*
Change sharing options for different network profiles	
Windows creates a separate network profile for each network you use. You can choose specific options for each profile.	
Home or Work	
Public (current profile)	
Network discovery	E
When network discovery is on, this computer can see other network computers and devices and is visible to other network computers. <u>What is network discovery?</u>	
 Turn on network discovery Turn off network discovery 	
Ŭ ,	
File and printer sharing	
When file and printer sharing is on, files and printers that you have shared from this computer can be accessed by people on the network.	
Turn on file and printer sharing	
Turn off file and printer sharing	
Public folder sharing	
When Public folder sharing is on, people on the network, including homegroup members, can access files in the Public folders. <u>What are the Public folders?</u>	
Turn on sharing so anyone with network access can read and write files in the Public folders Turn off Public folder sharing (people logged on to this computer can still access these	
folders)	-
Save changes Cancel)

Figure 8

- 7. Select the "Security" tab as shown in Figure 3 and check the group or user names to ensure that the listed entries have full control.
- 8. Find the IP address of the WindowsTM PC where the shared folder resides by using the "Start" button. Type **cmd** in the "Search programs and files" field to find the Windows Command Processor. Select the **cmd** program to open the C:\WINDOWS\system32\cmd.exe dialog box. Type the command **ipconfig** and press enter to find the IP address of the PC. Alternatively select the "Network and Sharing Center" from the control panel then the Local Area Connection to open the "Local Area Connection Status" dialog box and select the "Details" button to find the IP address.

GCM II-HD SETUP

Once steps 1-5 have been completed the file is now ready for use. Items such as the map, sounds, alarm files, etc. can be transferred between the GCM II-HD and this computer once the GCM II-HD has been properly configured.

1. Open the "GCM II Properties" menu on the GCM II-HD and select the "Mount" tab. Select the "Remote" tab to open the remote mount screen as shown in Figure 9.

General	Alarm Tags	System	Mount	Graphics	Sound	Reporting	Management	Remote Desktop
Remote	Removable							
Server:			U	pdate shares	list			
Share name	e: [•					
Jser name:				Clear				
assword:								
								Mount

Figure 9

- 2. In the "Remote" tab enter the IP address of the PC where the shared folder resides in the "Server" field.
- 3. Enter the name of the remote folder in the "Share name" field.
- 4. Enter the "Name" of the PC in the "User name" field.
- 5. Enter the "Password" of the PC (if one has been assigned) in the "Password" field.
- 6. Select "Mount" to make the "Remote Mount" active.
- 7. When transferring data from the Path to Upload or Path to Download, the file will be listed under "/media/net".

Refer to the GCM II-HD manual for additional information on the GCM II-HD.