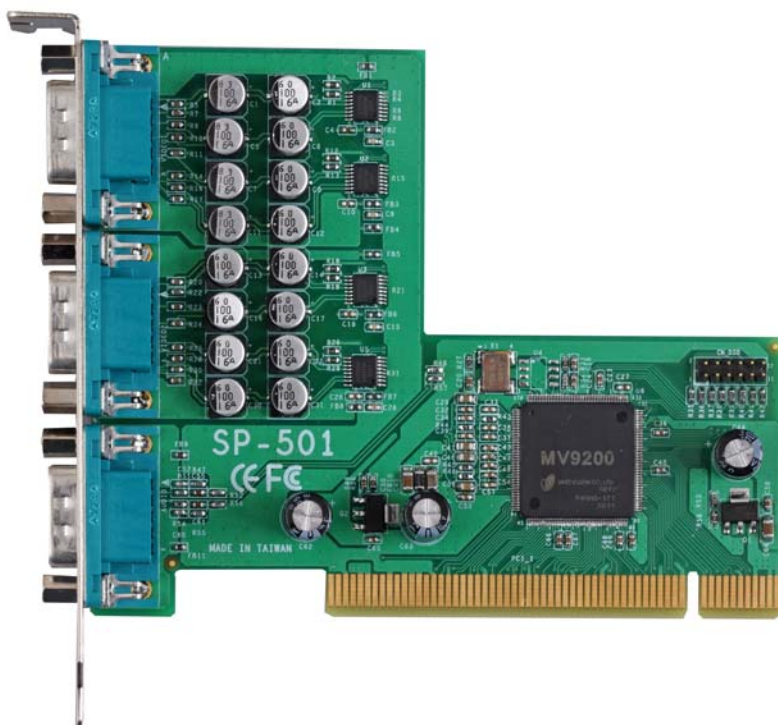


SP-501

User's Manual

Edition 1.0

2008/7/3



Copyright

Copyright 2008 all rights reserved. This document is copyrighted and all rights are reserved. The information in this document is subject to change without prior notice to make improvements to the products.

This document contains proprietary information and protected by copyright. No part of this document may be reproduced, copied, or translated in any form or any means without prior written permission of the manufacturer.

All trademarks and/or registered trademarks contains in this document are property of their respective owners.

Disclaimer

The company shall not be liable for any incidental or consequential damages resulting from the performance or use of this product.

The company does not issue a warranty of any kind, express or implied, including without limitation implied warranties of merchantability or fitness for a particular purpose.

The company has the right to revise the manual or include changes in the specifications of the product described within it at any time without notice and without obligation to notify any person of such revision or changes.

Trademark

All trademarks are the property of their respective holders.

Any questions please visit our website at <http://www.commell.com.tw>.

Packing List:

Hardware:

SP-501 PCI Capture Card x1

Cable kit:



BNC Cable x 2



Audio Cable x 1 (optional)

CD Content:

Drivers & User's Manual

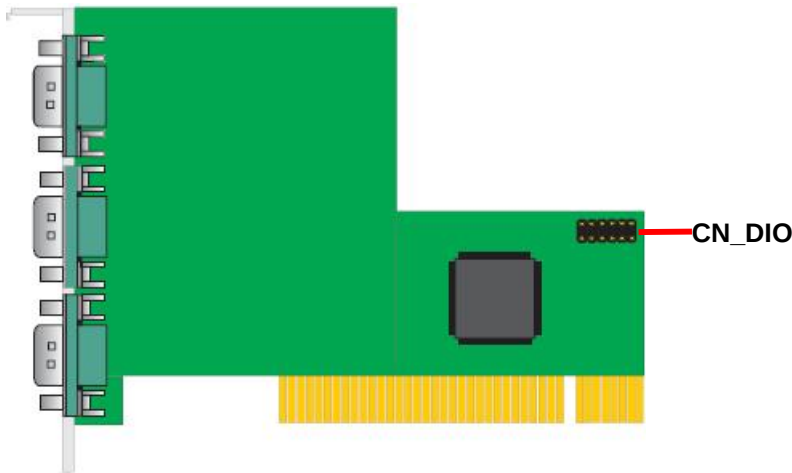
1.0 <Product Specification>

General Specification	
Form Factor	PCI Card with 120-pin interface
Controller	One dataGATE MV9200
Accessories	2 x D-sub 9 to 8 x BNC connector cable 1 x D-sub 9 to 2 channel audio cable
Features	16 channel video input for camera Support NTSC/PAL video decoding 120 fps at NTSC/PAL Support image capture resolutions up to 768 x 576 (PAL) 720 x 480 (NTSC)
Dimensions (L x W)	120mm x 97mm
Ordering Code	
SP-501H	16 ch video and 2 ch audio input with SDK provided
SP-501HA	16 ch video and 2 ch audio input with Scode DVR program

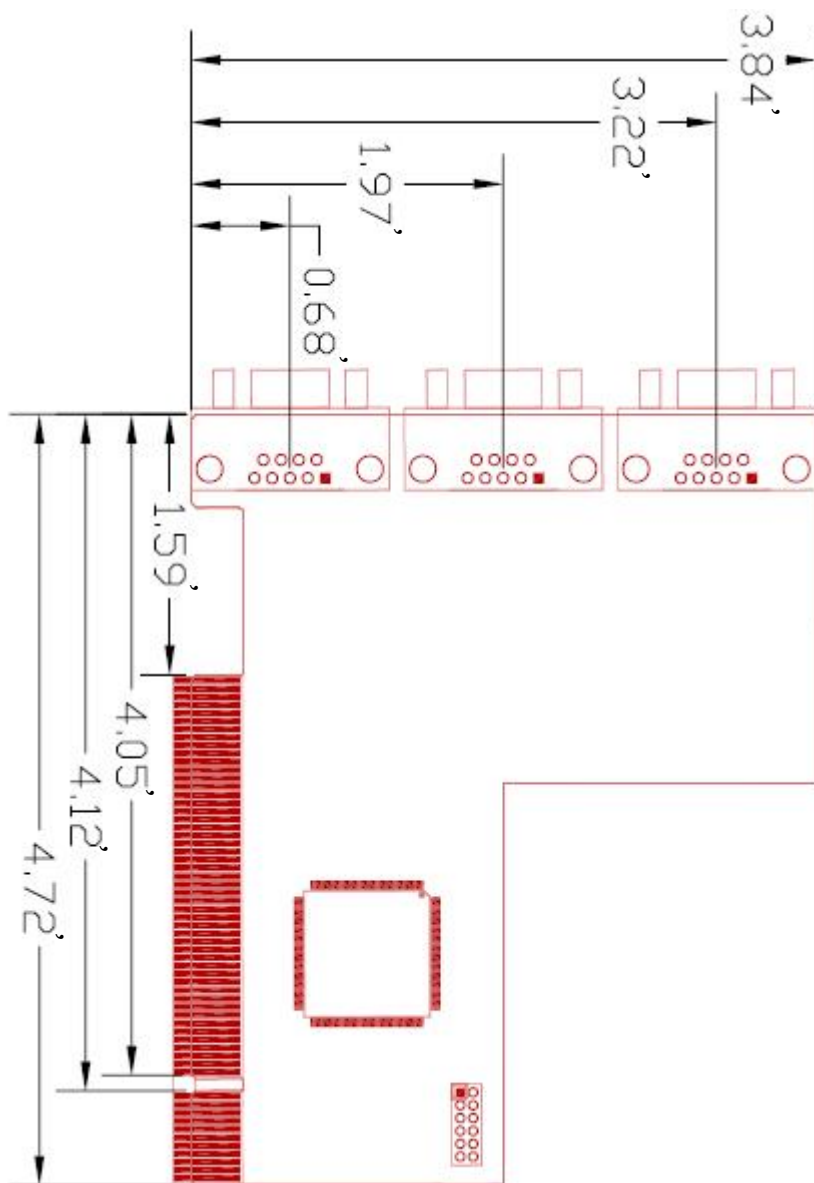
Recording & monitor

Input	Resolution	Frame rate
4 Channel	D1	15 fps/per channel
	CIF	30 fps/per channel
8 Channel	D1	7.5 fps/per channel
	CIF	15 fps/per channel
12 Channel	D1	5 fps/per channel
	CIF	10 fps/per channel
16 Channel	D1	3.75 fps/per channel
	CIF	7.5 fps/per channel

1.1 <Component Placement>

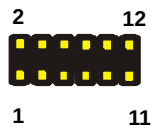


1.2 <Mechanical Drawing>



1.3 <Connector Reference>

Connector: CN_DIO
Type: 12-pin (6x2) header



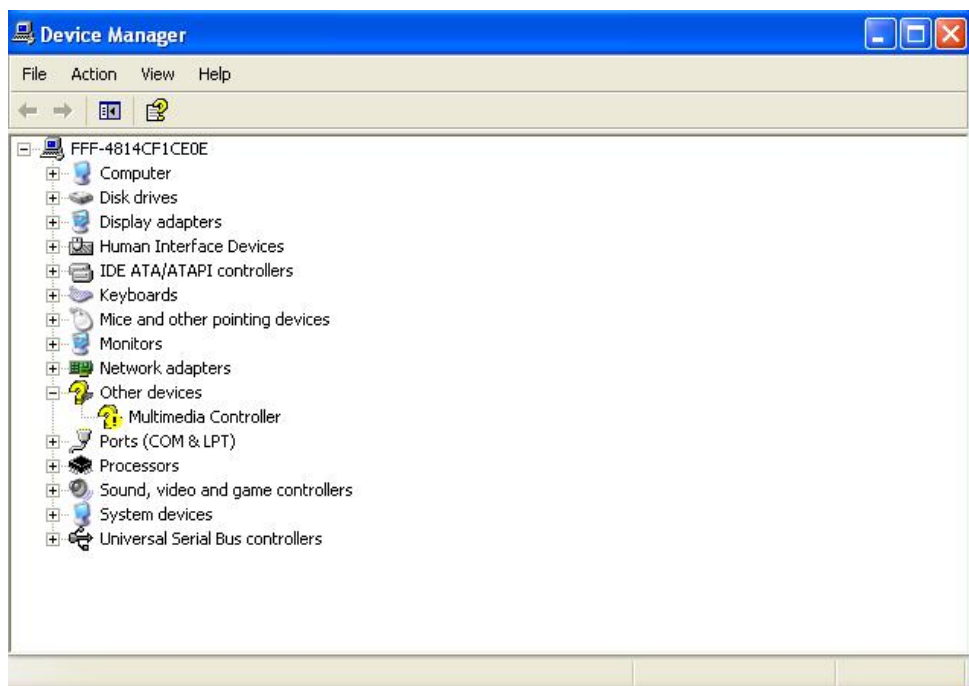
Pin	Description	Pin	Description
1	GND	2	GND
3	IO1	4	IO5
5	IO2	6	IO6
7	IO3	8	IO7
9	IO4	10	IO8
11	+5V	12	+3.3V

1.4 <Driver Setting>

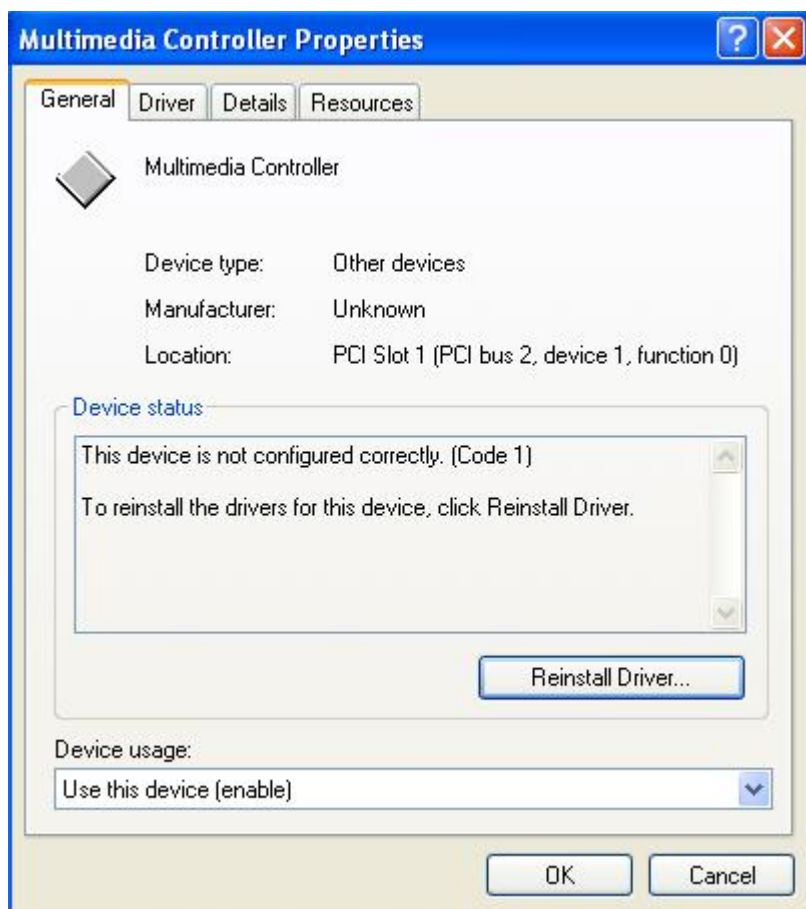
1. Please choose **Device Manager**



2. Then you can see other devices



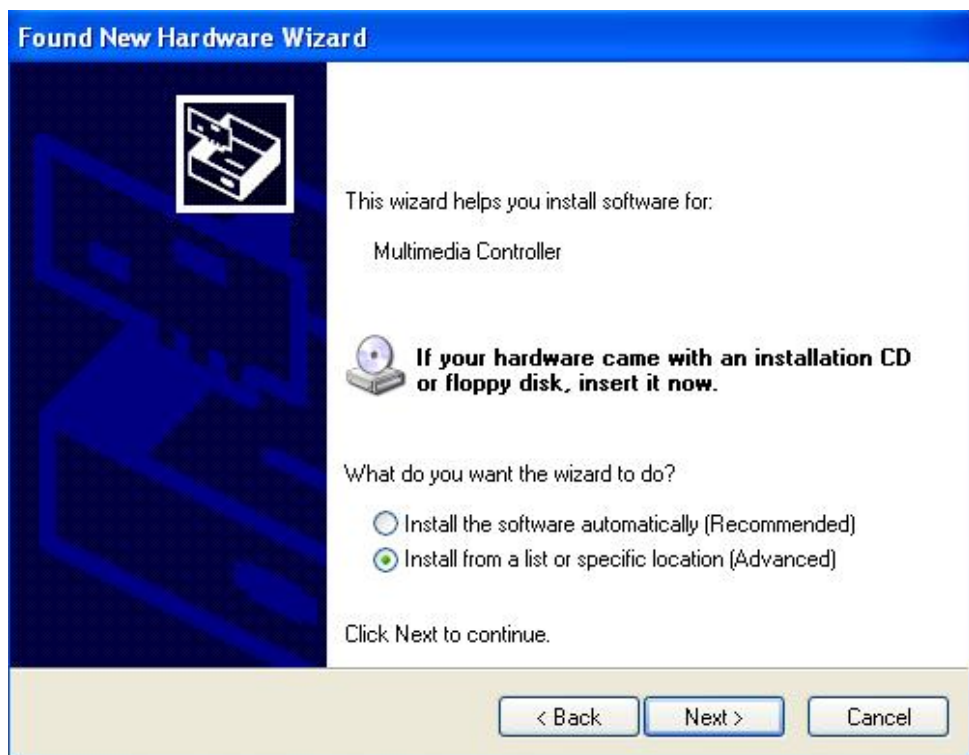
3. Please choose **Multimedia Controller** then press **Reinstall Driver**



4. Please choose **NO** , **not this time** press next



5. Please choose **Install from a list on specific Location**



6. Please select file location **E:\Driver\SP-501** then press OK



The image shows a Windows 'Hardware Update Wizard' dialog box. The title bar is blue with the text 'Hardware Update Wizard'. Below the title bar is a white header area with the text 'Please choose your search and installation options.' and a small icon of a computer with a floppy disk. The main area has a light beige background. It contains two radio button options. The first option, 'Search for the best driver in these locations.', is selected. Below it is a paragraph of text: 'Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.' There are two checkboxes: 'Search removable media (floppy, CD-ROM...)' which is unchecked, and 'Include this location in the search:' which is checked. Below the checked checkbox is a text box containing 'E:\Driver\SP-501' and a 'Browse' button. The second radio button option, 'Don't search. I will choose the driver to install.', is unselected. Below it is a paragraph of text: 'Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.' At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

Hardware Update Wizard

Please choose your search and installation options.

☒ Search for the best driver in these locations.

Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.

☐ Search removable media (floppy, CD-ROM...)

☒ Include this location in the search:

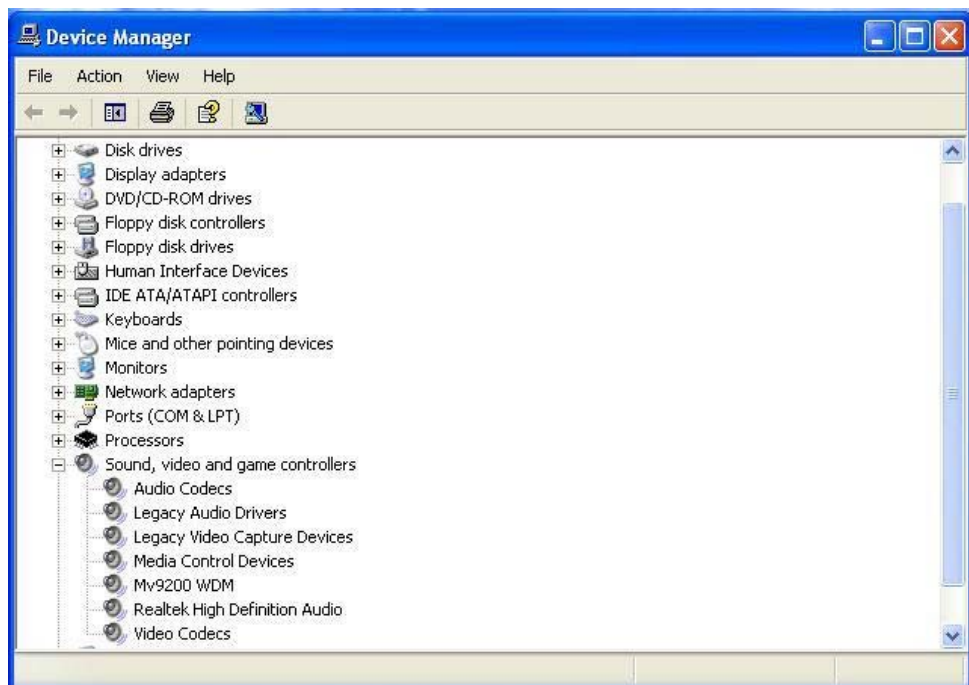
E:\Driver\SP-501

☐ Don't search. I will choose the driver to install.

Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

< Back Next > Cancel

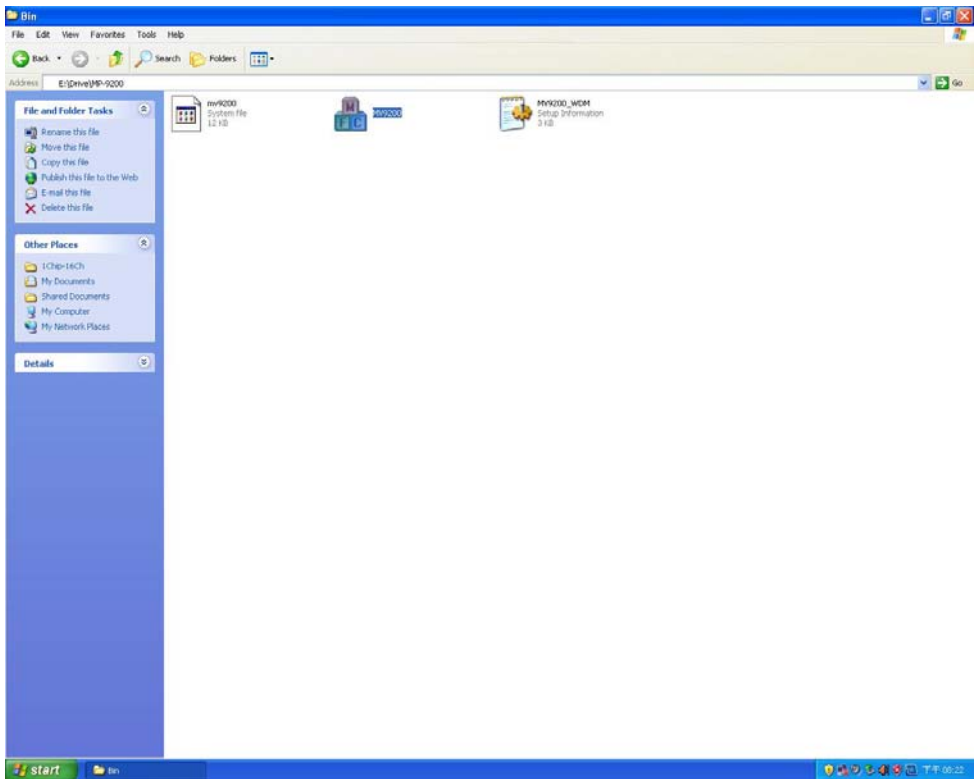
7. After driver install, please enter Device Manager then select **Mv9200 WDM** press properties.



<1.5> Sample Program:

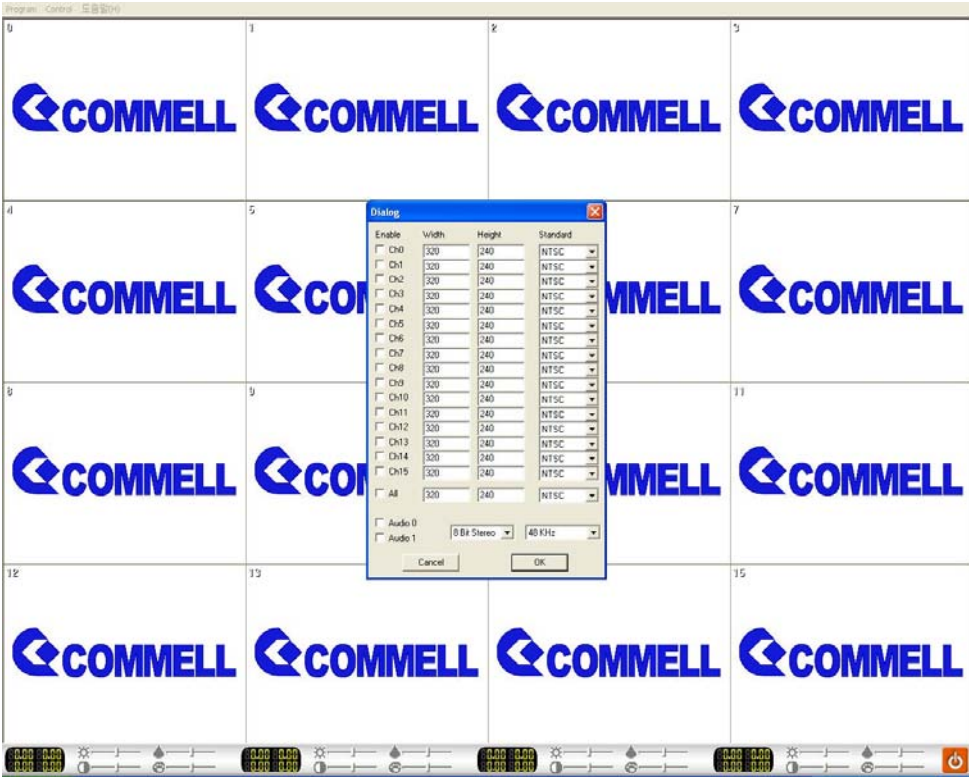
1.5.1

When you completed hardware & software installation, please find the “ MV9200
“ in the CD



1.5.2

Please double –click “ DrvTest , It'll pops up as following.
Then Please Push “ Control “ on the left-upper Menu.



You 'll get the video show .

Contact Information

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

Taiwan Commate Computer Inc.

Address 8F, No. 94, Sec. 1, Shin Tai Wu Rd., Shi Chih
Taipei Hsien, Taiwan

TEL +886-2-26963909

FAX +886-2-26963911

Website <http://www.commell.com.tw>

E-Mail info@commell.com.tw (General Information)
tech@commell.com.tw (Technical Support)

Commell is the trademark of Taiwan Commate Computer INC.