

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Digital View ACG-1024* at our website: *Click HERE*

DIGITALVIEW®

ACG-1024

PC interface for TFT XGA,SVGA,VGA panels

The Digital View ACG-1024 interface controller for OEM monitor and packaged LCD solutions.

Panels: 1024x768, 800x600, 640x480 TFT colour LCD
Input: Analog XGA, SVGA, VGA

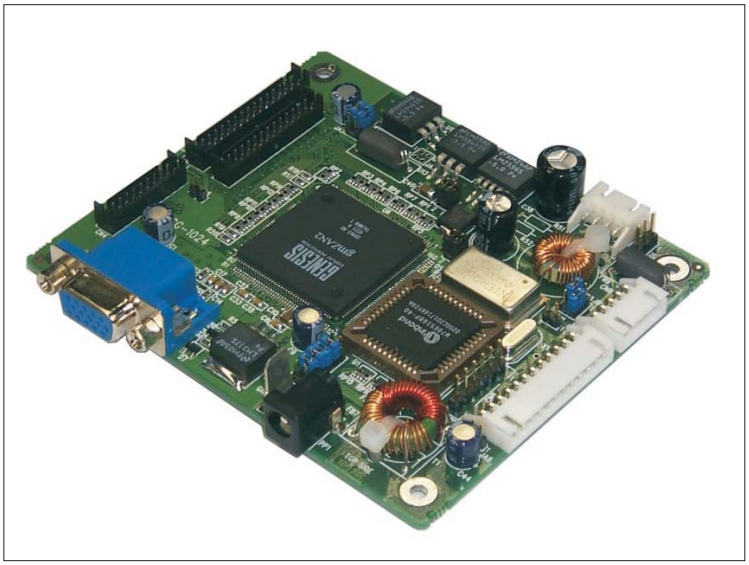
The ACG-1024 is a multi-sync interface providing direct analog connection for a wide range of TFT LCD panels with a resolution of 1024x768, 800x600, 640x480. It allows full screen expansion of lower resoulution image onto a higher resolution panel. The ACG-1024 is a compact high performance single board solution.

Key features of Digital View flat panel interface controllers include excellent picture quality, ease of use, extensive features and cost effective performance.

XGA

SVGA

VGA



Features

- **Panel Connectivity:** Designed for VGA,SVGA, XGA resolution TFT panels.
- P/N 4167200-XX for XGA panel support
- P/N 4167201-XX for SVGA panel support
- P/N 4167202-XX for VGA panel support
- **Input signals:** Analog XGA SVGA, VGA, with separate sync.Vertical refresh rate up to 75Hz at XGA resolutions.
- **Computer graphics modes:** XGA ,SVGA, VGA mode. Non-interlaced.
- **Panel power:** 3.3V & 5V
- **Panel signal:** TTL, LVDS & TMDS option (Add-on board)
- **Colors:** Up to 8 bit per colour, ie 16.7 million colors (even on 3 x 6 bit panels).
- **Functions display:** On Screen Display (OSD) of functions
- **Functions control:** Buttons
- **Image control:** Brightness, Contrast, RGB adjust, Image position, Image horizontal size, Auto setup, Auto Balance, Auto Center, Auto phase, Phase
- **Other features:** System Information, OSD timeout, OSD position, Color temperature, Load factory default.
- **Multi-language:** 2 languages (English or French) option for OSD menu display.
- **Dimensions:** 107mm x 92mm (4.2" x 3.6") approx.
- **Mounting holes & layout:** Digital View standard.
- **Connectors:** Embedded & external type.
- **Power requirements:** 12V DC.
- **Power saving:** VESA DPMS compatible.
- **Inverter support:** 5 & 12V, Enable pin.
- **Plug & Play**: DDC 1, 2/b compatible
- **Status indicator:** Dual colour LED support.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

ACG-1024

PC interface for TFT XGA,SVGA,VGA panels

Panel Compatibility Guide

Ref	Panel type
AU Optronics	TFT
LG	TFT
Sharp	TFT
Samsung	TFT
Fujitsu	TFT
Hyundai	TFT
CHI MEI	TFT
Mitsubishi	TFT
NEC	TFT
Toshiba	TFT

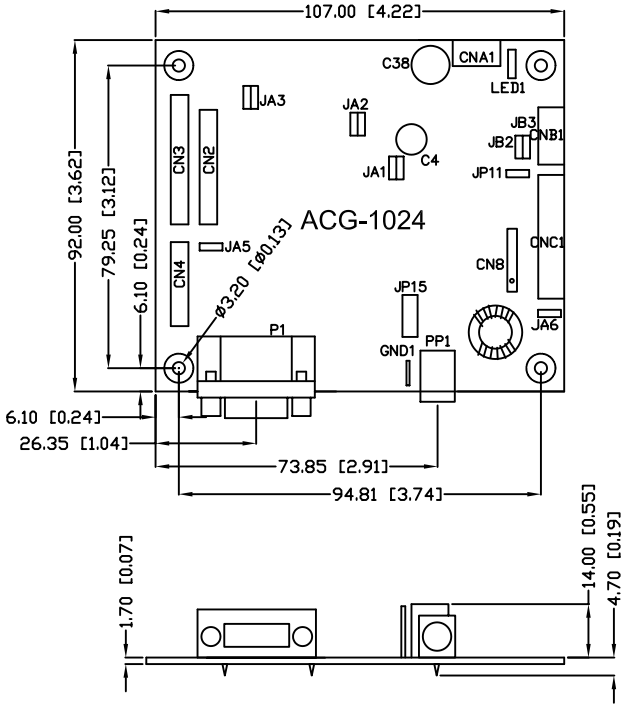
Support for the above panels (and more as they become available) is being introduced progressively, please check at time of placing order for specific compatibility.

Order Information

Item	Description
1	ACG-1024 controller P/N 4167200-XX for XGA panel support P/N 4167201-XX for SVGA panel support P/N 4167202-XX for VGA panel support
2	Panel signal cable & connector kit
3	Backlight inverter & cables kit
4	Function controls & cables kit
5	Status LED kit
6	PC to controller graphics cable
7	AC/DC adapter with +12V DC output
8	LVDS, TMDS interface options

Connection for VGA, SVGA, XGA resolution TFT type LCD panels.

Consistent mounting holes, connector types and general layout with other Digital View controllers



Connection for panel backlight inverters.

User buttons control options

Input connectors for both embedded and external type connection.

Connector reference

CNA1	Auxiliary power output: JST B4B-XH-A	LED1	Dual colour status LED: 3-pin header
CNB1	Backlight inverter: JST B5B-XH-A	P1	15 way VGA signal input
CN2	Panel signal: Hirose DF11-28DP-2DSA	PP1	Power input: 5.5mm jack for 12V supply
CN3	Panel signal: Hirose DF11-32DP-2DSA		
CN4	Panel signal: Hirose DF11-20DP-2DSA		
CN8	Pin Header 6x1 (Reserved for factory use)		
CNC1	Function controls: JST B12B-XH-A		

Notes:
- Dimensions are in mm.
- PCB mounting holes connect to ground.
- PCB mounting holes are 3.2mm.
- Other mounting holes for inverter are not grounded.
- Drawing is not to scale.

ASIA

Digital View Ltd
19 th Floor, Tai Tung Building,
8 Fleming Road, Wanchai,
Hong Kong.

Tel: (852) 2861 3615
Fax: (852) 2520 2987
Email: hksales@digitalview.com

USA

Digital View Inc
18440 Technology Drive,
Building 130, Morgan Hill,
California, CA95037, USA.

Tel: (1) 408-782 7773
Fax: (1) 408-782 7883
Email: ussales@digitalview.com

EUROPE

Digital View Ltd
36 Mortimer Street,
London W1W 7RG,
United Kingdom.

Tel: (44) (0) 20-7631-2150
Fax: (44) (0)20-7436-1299
Email: uksales@digitalview.com

Please visit our Web site for more information: **www.digitalview.com**

Brand names belong to their respective owners. Specifications subject to change without notice. July 2005

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP