# CONSOLITECH Corp.

P/N: PTA-8556/8558

Product Name:  **AV Show WUXGA**

*Consolitech Corp. Taiwan*
*10F-2, No57,Sec 2, Tun Hwa South Road,*
*Taipei Taiwan, R.O.C.*
*Tel:886-02-27069655*
*Fax: 886-02-27069074*
*E-mail: info@consolitech.com.tw*

*Multimedia Products Design and Manufacture*

# Product Introduction

**Supports High Resolution and Wide-Screen PC Monitor,**

**Color Enhancement , PIP, Video Noise Reduction.**



## Model A

- S-Video IN
- Component IN
- CV IN
- DVI or D-Sub OUT

## Model B

- S-Video IN
- Component IN
- CV IN (By Convert Cable)
- DVI or D-Sub OUT

# Key Features

- Display TV and external video source on PC monitor
- TV tuner built-in for NTSC-M, PAL B&G, D&K, I, M/N or SECAM D&K or L
- Provides color enhancement function to improve video quality
- Supports video noise reduction
- Display output resolutions up to 1920x1200
- Support DVI or D-Sub connector (Model no. PTA-8556 for DVI and PTA-8558 for D-Sub)
- YPbPr Input resolutions support to 1920x1080P (D1-D5)
- Supports 16:9, 16:10, 4:3 and zoomed display
- Selectable TV or VGA display on screen
- Supports 4 inputs video source: TV, Composite Video, S-Video and YPbPr Component Video
- Auto-scan TV channel (frequency table and all frequency scan)
- Supports PIP function
- Auto Power off by sleep timer settings between 10/30/60/90/120 minutes
- Stereo audio decoder for MTS, EIAJ, NICAM
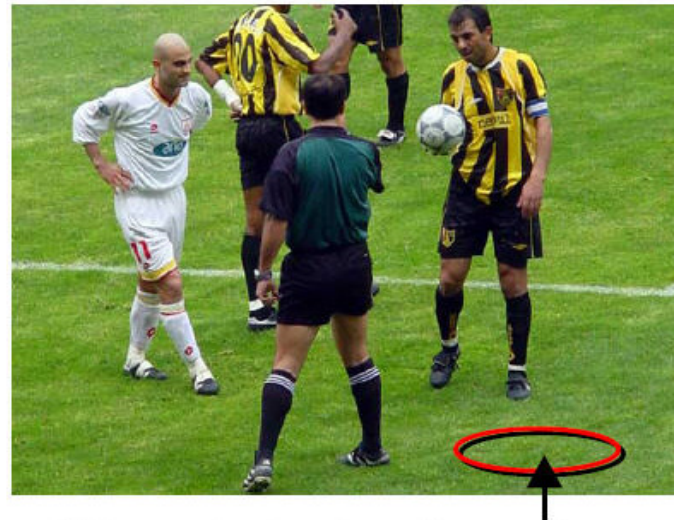- Favorite TV channel setting OSD display for TV setting
- IR remote control

# Video Performance by *Active Color Management*

- Rich color differentiation

Video **Without** WUXGA TV Box

Video **With** WUXGA TV Box

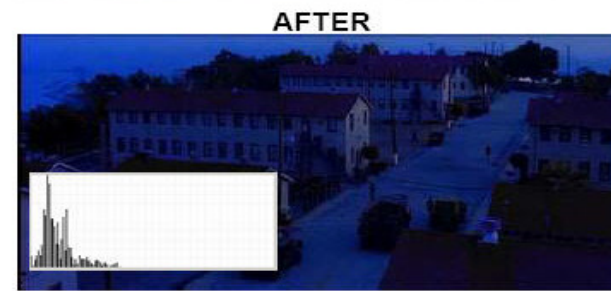
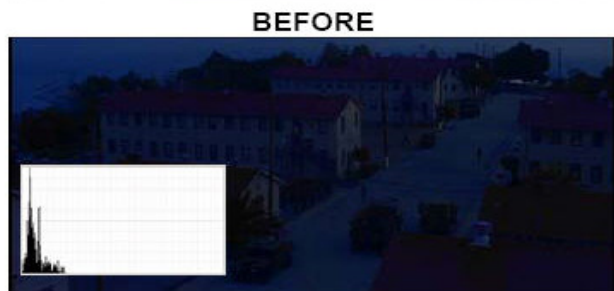
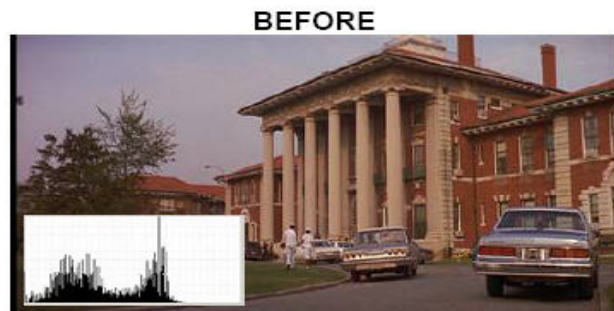Enhance single color – Green enhance

# Video Enhanced by *Adaptive Contrast and Color*

- Extracts luminance histogram on a frame-by-frame basis
- Adaptively increases contrast of dominant luminance range

**BEFORE**

**AFTER**

**BEFORE**

**AFTER**

# Video Performance by ACM-3D

- Also supports 6-axis and video windowing through DDC/CI

| | BEFORE | AFTER |
|---|---|---|
| **Sport Mode** | | |

| | BEFORE | AFTER |
|---|---|---|
| **Nature Mode** | | |

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# Specification

| | |
|---|---|
| **TV Input** | Tuner In |
| **VGA Input** | DVI or D-Sub (pass through) |
| **Video Input** | Composite Video RCA Jack |
| | 4-pin Mini-Din Connector for S-Video |
| | RCA x3 for YPbPr component |
| **Audio Input** | 3.5mm Stereo Connector x2 |
| | (Audio in and Line in) |
| **Audio Output** | 3.5mm Stereo Connector (Speaker) |
| **VGA Output** | DVI or D-Sub 15-pin Connector |
| **Remote** | Built-in IR Receiver |
| **LED Indicator** | Power On/Off Indication |
| **Power Requirement** | DC-In Jack; 5VDC 2A Adapter |
| **Dimension** | Without stand – 187mm(L)* 126mm(W)* 26mm(H) |
| | With stand – 193mm(L)* 126mm(W)* 26mm(H) |
| **VGA Mode Output Resolution** | Up to 1920x1200 |
| **TV Mode Output Resolution** | 1024x768 |
| | 1280x768 |
| | 1280x1024 |
| | 1360x768 |
| | 1440x900 |
| | 1600x1200 |
| | 1680x1050 |
| | 1920x1200 |

# Package Contents

- TV Box Unit
- DVI or D-Sub cable
- 3.5mm to RCA Cable
- 3.5mm Stereo cable
- IR remote control with batteries
- Power adaptor
- User's manual

## FRONT PANNEL

**Model A**

**Model B**



## REAR PANNEL

**DVI Version (PTA-8556)**



DC IN   DVI OUT   DVI IN
TUNER IN
AUDIO IN
LINE IN
SPEAKER OUT

**D-Sub Version (PTA-8558)**



DC IN   VGA OUT   VGA IN
TUNER IN
AUDIO IN
LINE IN
SPEAKER OUT