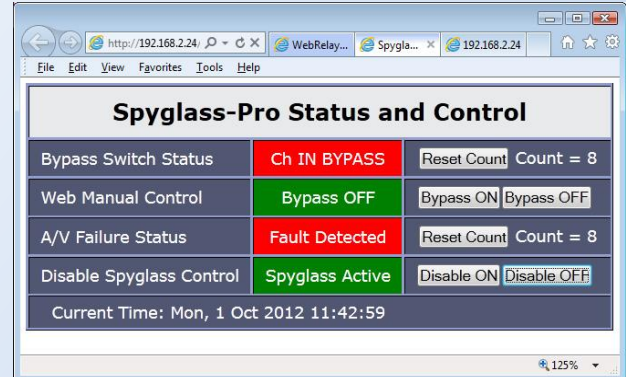# Spyglass Pro
TV Channel Failure
Detection with switching

Spyglass-Pro Dual, TV Channel Failure Detection with web status and control, For redundant videoserver output failover.

Spyglass-Pro Status and Control

Bypass Switch Status	Ch IN BYPASS	Reset Count · Count = 8
Web Manual Control	Bypass OFF	Bypass ON · Bypass OFF
A/V Failure Status	Fault Detected	Reset Count · Count = 8
Disable Spyglass Control	Spyglass Active	Disable ON · Disable OFF
Current Time: Mon, 1 Oct 2012 11:42:59		

❖ **TV Channel Failure Detection**

❖ **TV Failure Event Logging**

❖ **Redundant Videoserver Failover Version**

❖ **Bypass Switching**

❖ **Analog, SD-SDI, HD-SDI Versions**

❖ **Adjustable Sensitivity Levels**

❖ **Adjustable Switch Time Delays**

❖ **Email Alarm Reporting**

❖ **Web browser status and control**

❖ **Time scheduled disable**

❖ **Optional Telephone Dialer**

❖ **Customizable Modular Design**

Spyglass analyzes your channel output signals looking for signs of failure. It checks your channel for picture motion, audio presence, video presence, and sync level. If it detects one or more failures, that exceed predetermined levels, an alert signal is dispatched and your channel is bypassed to an alternate feed.

Spyglass is specifically designed to protect from false triggering. Preprogrammed algorithms are used to identify the type of failure and adjustable preset timers help prevent false triggering.

In addition to snow, blue, or black screens Spyglass can detect a frozen frame from a MPEG decoder or frame synchronizer.

The Spyglass system can be configured to bypass to your system bulletin board, or backup channel feed. Optional outputs are available for sounding alarms or to interface to your existing automation system.

The system can be purchased with or without bypass switching. The Spyglass detection, control, and switching modules can be housed in a one-channel or four-channel rack-mount frame.

An optional telephone alarm dialer, that calls multiple telephone numbers and plays back pre-recorded messages, can be purchased. An optional email device is also available.

The Spyglass Pro version includes web browser status, control and logging capability. Spyglass product family has 4 basic product types.

Single Spyglass Analog or Digital
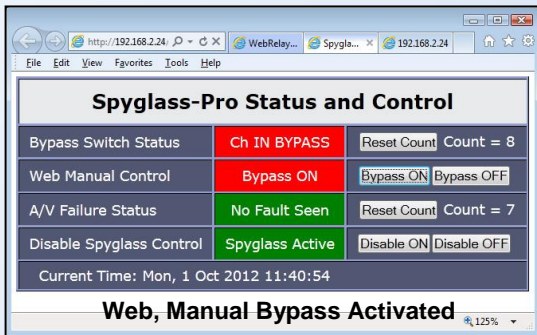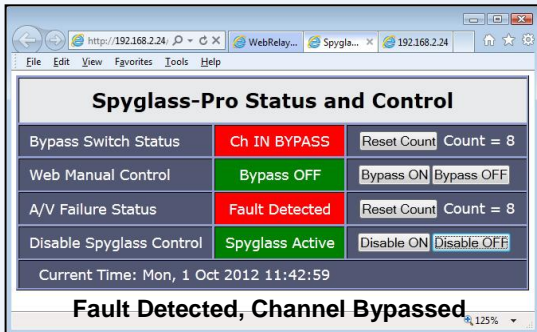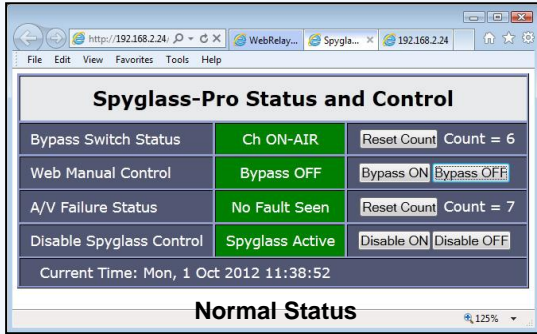
Single Spyglass-Pro Analog or Digital

Dual Spyglass Analog or Digital
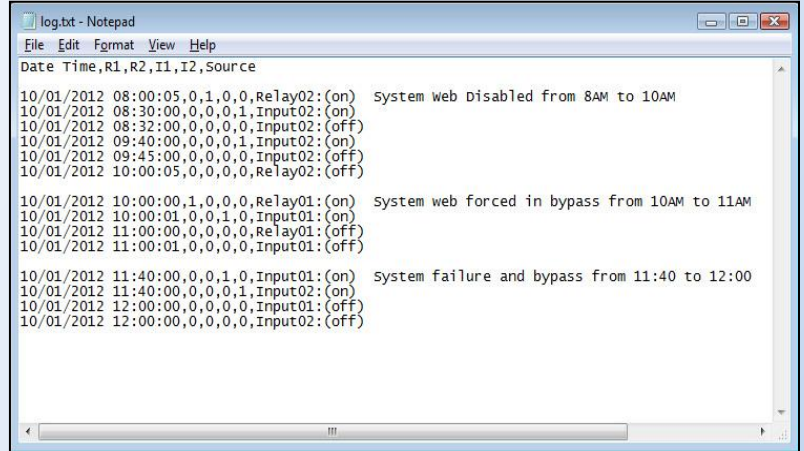
Dual Spyglass-Pro Analog or Digital

Media Control Systems
Television Automation Specialists

Spyglass-Pro
Web Status, Control, Email, Logging

Spyglass-Pro Text Log Report, accessed via web browser

Spyglass-Pro Status and Control

Bypass Switch Status	Ch ON-AIR	Reset Count Count = 6
Web Manual Control	Bypass OFF	Bypass ON Bypass OFF
A/V Failure Status	No Fault Seen	Reset Count Count = 7
Disable Spyglass Control	Spyglass Active	Disable ON Disable OFF
Current Time: Mon, 1 Oct 2012 11:38:52		

Normal Status

log.txt - Notepad

```
Date Time,R1,R2,I1,I2,Source

10/01/2012 08:00:05,0,1,0,0,Relay02:(on)   System Web Disabled from 8AM to 10AM
10/01/2012 08:30:00,0,0,0,1,Input02:(on)
10/01/2012 08:32:00,0,0,0,0,Input02:(off)
10/01/2012 09:40:00,0,0,0,1,Input02:(on)
10/01/2012 09:45:00,0,0,0,0,Input02:(off)
10/01/2012 10:00:05,0,0,0,0,Relay02:(off)

10/01/2012 10:00:00,1,0,0,0,Relay01:(on)   System web forced in bypass from 10AM to 11AM
10/01/2012 10:00:01,0,0,1,0,Input01:(on)
10/01/2012 11:00:00,0,0,0,0,Relay01:(off)
10/01/2012 11:00:01,0,0,0,0,Input01:(off)

10/01/2012 11:40:00,0,0,1,0,Input01:(on)   System failure and bypass from 11:40 to 12:00
10/01/2012 11:40:00,0,0,0,1,Input02:(on)
10/01/2012 12:00:00,0,0,0,0,Input01:(off)
10/01/2012 12:00:00,0,0,0,0,Input02:(off)
```

Spyglass-Pro Status and Control

Bypass Switch Status	Ch IN BYPASS	Reset Count Count = 8
Web Manual Control	Bypass OFF	Bypass ON Bypass OFF
A/V Failure Status	Fault Detected	Reset Count Count = 8
Disable Spyglass Control	Spyglass Active	Disable ON Disable OFF
Current Time: Mon, 1 Oct 2012 11:42:59		

Fault Detected, Channel Bypassed

Spyglass Product Pricing

1 Ch Spyglass………………………….……$1,400
  (Analog audio and video)

1 Ch Dual Detector Spyglass ………………$1,950
  (for redundant video servers, analog A/V)

1 Ch Spyglass HD/SD-SDI…………..………$2,645
  (embedded digital audio)

1 Ch HD/SD-SDI Dual Spyglass……..……$2,995
  (for redundant video servers, embedded audio)

  Viking Telephone Dialer…....……..$500
  EStick Email Appliance…… …..$150

Spyglass-Pro Status and Control

Bypass Switch Status	Ch IN BYPASS	Reset Count Count = 8
Web Manual Control	Bypass ON	Bypass ON Bypass OFF
A/V Failure Status	No Fault Seen	Reset Count Count = 7
Disable Spyglass Control	Spyglass Active	Disable ON Disable OFF
Current Time: Mon, 1 Oct 2012 11:40:54		

Web, Manual Bypass Activated

Spyglass-Pro Product Pricing
(Web status, control, email, and logging)

1 Ch Spyglass-Pro …………………..……....$1,975
  (Analog audio and video)

1 Ch Spyglass-Pro Dual Detector ………..$2,525
  (for redundant video servers, analog A/V)

1 Ch Spyglass-Pro HD………………..……$3,225
  (embedded digital audio)

1Ch Spyglass-Pro HD Dual………………..…$3,800
  (embedded digital audio)

Spyglass-Pro Status and Control

Bypass Switch Status	Ch ON-AIR	Reset Count Count = 9
Web Manual Control	Bypass OFF	Bypass ON Bypass OFF
A/V Failure Status	No Fault Seen	Reset Count Count = 8
Disable Spyglass Control	Disabled	Disable ON Disable OFF
Current Time: Mon, 1 Oct 2012 11:44:54		

Spyglass Control Disabled

Backup Analog Video Source

Domino Media Player …………….$750

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El Cajon, CA 92020
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Fax: 619-599-1051

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