

PIXTRON

B R O A D C A S T



PRODUCT GUIDE

MULTIFORMAT SD / HD / 3G / CVBS / DVI RACK MONITORS

MULTIFORMAT SD / HD / 3G / CVBS / DVI ALUMINIUM / STEEL CABINET MONITORS

2014

PIXTRON

B R O A D C A S T

PIXTRON BROADCAST is a new professional broadcast brand with an innovative approach to the user interface and flexibility. With over 17 years' experience in the broadcast industry, PIXTRON BROADCAST monitors are designed through continuous research and development using the latest technology that allows the straightforward addition of plugins and upgrades.

PIXTRON's unique technology provides unsurpassable quality for the most critical broadcast applications. PIXTRON monitors have been engineered to provide excellent solutions for broadcast, film and post production. Furthermore PIXTRON BROADCAST is known for its high flexibility specializing in the development of customized monitor solutions.

PIXTRON BROADCAST monitors are designed and manufactured by ALBIRAL DISPLAY SOLUTIONS in Spain. Known for its worldwide distribution network of several brands, the company has been internationally awarded for its innovative solutions and designs.

BROADCAST MULTIFORMAT RACK MONITORS

INTRODUCTION

GENERAL SPECIFICATIONS

Metal housing rackable monitors with exceptional brightness and broad viewing angles, for HD and SD environments.

Available in three different sizes: 5.6" (triple) 7" (double), 9" (double) and 17" (single), this product range provides many functionalities such as Tally, audio level meters, adjustable color, UMD and alarms.

MAIN FEATURES

SDI / HD / 3G, CVBS & DVI/VGA inputs
SDI / HD / 3G & CVBS outputs (active loop).

Balanced AES / EBU outputs, stereo analog outputs (2 channels embedded audio output for SDI).

Control ports: RS422, Ethernet.

FUNCTIONALITIES

Multi-format support (SMPTE259M, SMPTE274M, SMPTE424M; 480 I, 480 p, 576 I, 720 p, 1080 p, 1080 PsF, 2 K).

Standard controls: Brightness, contrast, saturation, hue, backlight adjustment.

Scaling: Keep aspect, 1:1, fill screen, 4:3, 16:9.

Color correction adjustment.

Custom safe Area & Markers.

UMD & Tally.

Built in Audio disembedder.

Audio level meters (Up to 16).

Gamma correction.

Selective color (colour, blue only, black & white).

False color.

Zebra.

Peaking.

Overscan.

Source ID.

COMPARATIVE TABLE

True multi-format support
Tilt, space optimizing design
Smart menu SCM(◦)®
Unsurpassable picture quality
Future proof

MODELS	P05R316G	P07R216G	P09R216G	P17R16G
Screen size	5.6"	7"	9"	17.1"
Resolution	1280 x 800	800 x 480	800 x 480	1440 x 900
Brightness	300 cd/m2	450 cd/m2	400 cd/m2	250 cd/m2
Contrast	500:1	800:1	800:1	800:1
Aspect ratio	16:9	16:9	16:9	16:10
Viewing angles	170 H 170 V	160 H 160 V	176 H 176 V	160 H 160 V
Inputs (per screen)				
DVI-I (Up to 1080p60)	YES	YES	YES	YES
CVBS (PAL/SECAM/NTSC)	YES	YES	YES	YES
SDI (SMPTE259M, SMPTE274M, SMPTE424M)	YES	YES	YES	YES
Tally inputs (TTL)	YES	YES	YES	YES
Outputs				
CVBS (active loop)	YES	YES	YES	YES
SDI (active loop)	YES	YES	YES	YES
AES/EBU (balanced)	YES	YES	YES	YES
Analog Audio	YES	YES	YES	YES
Alarm outputs (TTL)	YES	YES	YES	YES
Others				
UMD	YES	YES	YES	YES
Audio level meters	YES	YES	YES	YES
Control ports				
RS422	YES	YES	YES	YES
Ethernet	YES	YES	YES	YES
USB Host	YES	YES	YES	YES

BROADCAST MULTIFORMAT RACK MONITORS

TECHNICAL SHEETS



P05R316G

3G MULTIFORMAT LCD RACKABLE BROADCAST MONITOR WITH GAMMA SETTING

3 x 5.6" 3 U rackable broadcast multi-format monitor with 3G/HD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions.



MAIN FEATURES

1280 x 800 Resolution	Colour Temperature Adjustment	Zebra
3 Rack Units High	RS-422	Histogram
500:1 Contrast ratio	Alarm for lost of signal	Selective Colour
3G HD/SD SDI Input	Automation Signal Detection	Free Adjustable Safe Area
3G HD/SD SDI Active Output	UMD Serial	Free Adjustable Marker
DVI-I / VGA Input on DVI connector	TSL Protocol for UMD and Tally	Overscan
CVBS Input	Audio Disembedder	Gamma correction
CVBS Active Output	Audio Output AES / EBU	Rack Mount
Anti glare Panel	16 Ch Embedded Audio Level Meters	

SPECIFICATIONS

Screen size	5,6"
Resolution	1280x800
Brightness	300 cd/m ²
Contrast	500:1
Aspect ratio	16:9
Viewing angles	170 H 170 V
Input	
2 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI /VGA
Output	
1 X BNC	SDI
1 x SUB-D25	Analogue Audio
1 x SUB-D25	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL / SECAM / NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/ 1600x1200/1920x1200/1920x1080
DVI-Digital	DVI-Digital (Video) 1080p (60/59.94/50)/1080i (60/59.94/50) /720p (60/59.94/50)/480i (59.94)/480p (59.94)/576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
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SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
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SMPTE-296M	720p (60 / 59.94 / 50)
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SMPTE-260M	720p (60 / 59.94 / 50)
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SMPTE-125M	480i (59.94)
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Tally inputs (TTL)

Outputs

3G SDI (active loop)

CVBS (active loop)

AES/EBU

Analog Audio (balanced)

Alarm outputs (TTL)

Others

UMD YES

Audio level meters

Control ports

RS422

Ethernet

USB Host

P07R216G

3G MULTIFORMAT LCD RACKABLE BROADCAST MONITOR WITH GAMMA SETTING

2 x 7" 3 U rackable broadcast multi-format monitor with 3G/HD/SD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding, including standard broadcast functions such as UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False Colour functions.



MAIN FEATURES

800 x 480 Resolution	RS-422	Histogram
3 Rack Units High	Alarm for lost of signal	Selective Colour
800:1 Contrast ratio	Automation Signal Detection	Adjustable Safe Area
3G HD/SD SDI Input	UMD	Adjustable Marker
3G HD/SD SDI Active Output	TSL Protocol for UMD and Tally	Overscan
DVI-I / VGA Input on DVI connector	Audio Disembedder	Gamma correction
CVBS Input	Audio Output AES / EBU	Rack Mount
CVBS Active Output	16 Ch Embedded Audio Level Meters	
Anti glare Panel	Zebra	

SPECIFICATIONS

Screen size	7"
Resolution	800 x 480
Brightness	450 cd/m2
Contrast	800:1
Aspect ratio	16:9
Viewing angles	160 H 160 V
Input	
1 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI / VGA
Output	
1 x BNC	SDI - Per screen
1 X BNC	Analogue - Per screen
1 x SUB-D25	Analogue Audio
1 x SUB-D25	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL / SECAM / NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/ 1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
SMPTE-296M	720p (60 / 59.94 / 50)
SMPTE-260M	1035i (60 / 59.94)
SMPTE-125M	480i (59.94)
Tally inputs	(TTL)

Outputs

3G SDI (active loop)
CVBS (active loop)
AES/EBU
Analog Audio (balanced)
Alarm outputs (TTL)

Others

UMD	YES
Audio level meters	

Control ports

RS422
Ethernet
USB Host

P09R216G

3G MULTIFORMAT LCD RACKABLE BROADCAST MONITOR WITH GAMMA SETTING

2 x 9" 4 U rackable broadcast multi-format monitor with 3G / HD / SD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions.



MAIN FEATURES

800 x 480 Resolution	RS-422	Histogram
4 Rack Units High	Alarm for lost of signal	Selective Colour
800:1 Contrast ratio	Automation Signal Detection	Adjustable Safe Area
3G HD/SD SDI Input	UMD	Adjustable Marker
3G HD/SD SDI Active Output	TSL Protocol for UMD and Tally	Overscan
DVI-I / VGA Input on DVI connector	Audio Disembedder	Gamma correction
CVBS Input	Audio Output AES / EBU	Rack Mount
CVBS Active Output	16 Ch Embedded Audio Level Meters	
Anti glare Panel	Zebra	

SPECIFICATIONS

Screen size	9"
Resolution	800 x 480
Brightness	400 cd/m ²
Contrast	800:1
Aspect ratio	16:9
Viewing angles	176 H 176 V
Input	
1 x BNC	SDI – Per screen
1 X BNC	Analogue Input – Per screen
1 x DVI-I	DVI / VGA – Per screen
Output	
1 x BNC	SDI – Per screen
1 X BNC	Analogue – Per screen
1 x SUB-D25	Analogue Audio
1 x SUB-D25	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/ 1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
SMPTE-296M	720p (60 / 59.94 / 50)
SMPTE-260M	1035i (60 / 59.94)
SMPTE-125M	480i (59.94)
Tally inputs	(TTL)

Outputs

3G SDI (active loop)
CVBS (active loop)
AES/EBU
Analog Audio (balanced)
Alarm outputs (TTL)

Others

UMD
Audio level meters (IEC, ANSI)

Control ports

RS422
Ethernet
USB Host

P17R16G

3G MULTIFORMAT LCD RACKABLE BROADCAST MONITOR WITH 3D IN MODE FOR CAMERA POSITIONING AND GAMMA SETTING

17.1" 6 U rackable broadcast multiformat monitor with 3G /HD / SD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as 3D In Mode, UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False Colour functions. Desk stand DTV1724



MAIN FEATURES

1440 x 900 Resolution
6 Rack Units High
800:1 Contrast ratio
3G HD/SD SDI Input
3G HD/SD SDI Active Output
DVI-I / VGA Input on DVI connector
CVBS Input
CVBS Active Output
1:1 Pixel mapping modes for SD/HD

Anti glare Panel
RS-422
Alarm for lost of signal
Automation Signal Detection
3D In Mode
UMD
TSL Protocol for UMD and Tally
Audio Disembedder
Audio Output AES / EBU

16 Ch Embedded Audio Level Meters
Zebra
Histogram
Selective Colour
Adjustable Safe Area
Adjustable Marker
Overscan
Gamma correction
Rack Mount

SPECIFICATIONS

Screen size	17.1"
Resolution	1440 x 900
Brightness	250 cd/m2
Contrast	800:1
Aspect ratio	16:10
Viewing angles	160 H 160 V
Input	
1 x BNC	SDI – Per screen
1 X BNC	Analogue Input – Per screen
1 x DVI-I	DVI / VGA – Per screen
Output	
1 x BNC	SDI – Per screen
1 X BNC	Analogue – Per screen
1 x SUB-D25	Analogue Audio
1 x SUB-D25	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/ 1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
SMPTE-296M	720p (60 / 59.94 / 50)
SMPTE-260M	1035i (60 / 59.94)
SMPTE-125M	480i (59.94)
Tally inputs	(TTL)

Outputs

3G SDI (active loop)
CVBS (active loop)
AES/EBU
Analog Audio (balanced)
Alarm outputs (TTL)

Others

UMD
Audio level meters

Control ports

RS422
Ethernet
USB Host

BROADCAST MULTIFORMAT MONITORS

INTRODUCTION

GENERAL SPECIFICATIONS

Robust professional monitors made in aluminium and steel, with exceptional brightness and broad viewing angles, for HD and SD environments.

Available in six different sizes: 24, 32, 37, 42, 46 55 and 65", this range provides functionalities such as Tally, Audio level meters, adjustable color, UMD and alarms.

MAIN FEATURES

SD / HD / 3G, CVBS and DVI inputs.
CVBS outputs (active loop).

Balanced AES/EBU outputs, stereo analog outputs (2 channels embedded audio output for SDI).

Control ports: RS422, Ethernet.

FUNCTIONALITIES

Multi-format support (SMPTE259M, SMPTE274M, SMPTE424M; 480 I, 480 p, 576 I, 720 p, 1080 p, 1080 PsF, 2 K).

Standard controls: Brightness, contrast, saturation, hue, backlight adjustment.

Scaling: Keep aspect, 1:1, fill screen, 4:3, 16:9.

Color correction.

Custom safe Area & Markers.

UMD & Tally.

Built in Audio disembedder.

Audio level meters (Up to 16).

Gamma correction.

Selective color (colour, blue only, black & white).

False color.

Zebra.

Peaking.

Overscan.

Source ID.

COMPARATIVE TABLE

True multi-format support

Robust and elegant design

Smart menu SCM(°)®

Unsurpassable picture quality

Future proof

COMPARATIVE TABLE

P24C16G/GB

P32C16G/GB

P37C16G/GB

P42C16G/GB

P46C16G/GB

P55C16G/GB

P65C16G/GB

	P24C16G/GB	P32C16G/GB	P37C16G/GB	P42C16G/GB	P46C16G/GB	P55C16G/GB	P65C16G/GB
Screen size	24"	31.55"	37"	42.02"	46"	54.6"	64,53"
Resolution	1920 x1200	1920 x1080	1920 x1080	1920 x1080	1920 x1080	1920 x1080	1920 x1080
Brightness	400 cd/m2	500 cd/m2	500 cd/m2	700 cd/m2	500 cd/m2	500 cd/m2	450 cd/m2
Contrast	1000:1	1300:1	1400:1	1200:1	4000:1	5000:1	4000:1
Aspect ratio	16:10	16:9	16:9	16:9	16:9	16:9	16:9
Viewing angles	178H 178V	178H 178V	178H 178V	178H 178V	178H 178V	178H 178V	178H 178V
Inputs (per screen)							
DVI-I (Up to 1080p60)	YES	YES	YES	YES	YES	YES	YES
CVBS (PAL/SECAM/NTSC)	YES	YES	YES	YES	YES	YES	YES
SDI (SMPTE 259M, 274M, 424M)	YES	YES	YES	YES	YES	YES	YES
Tally inputs (TTL)	YES	YES	YES	YES	YES	YES	YES
Outputs							
SDI (active loop)	YES*	YES*	YES*	YES*	YES*	YES*	YES*
CVBS (active loop)	YES	YES	YES	YES	YES	YES	YES
AES/EBU (balanced)	YES	YES	YES	YES	YES	YES	YES
Analog Audio	YES	YES	YES	YES	YES	YES	YES
Alarm outputs (TTL)	YES	YES	YES	YES	YES	YES	YES
Others							
UMD	YES	YES	YES	YES	YES	YES	YES
Audio level meters	YES	YES	YES	YES	YES	YES	YES
Control ports							
RS422	YES	YES	YES	YES	YES	YES	YES
Ethernet	YES	YES	YES	YES	YES	YES	YES
USB Host	YES	YES	YES	YES	YES	YES	YES

* GB version without SDI Active loop

BROADCAST MULTIFORMAT MONITORS

TECHNICAL SHEETS



P24C16G/GB

3G MULTIFORMAT LCD BROADCAST MONITOR WITH 3D IN MODE FOR CAMARA POSITIONING AND GAMMA SETTING

24" Full Native resolution broadcast multiformat monitor with 3G / HD / SD-SDI, DVI & CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as 3D In Mode, UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions. Desk stand DTV1724



MAIN FEATURES

1920 x 1200 Resolution	Alarm for lost of signal	Zebra
1000:1 Contrast ratio	Automation Signal Detection	Histogram
3G HD/SD SDI Input	3D In Mode	Selective Colour
DVI-I / VGA Input on DVI connector	UMD	Adjustable Safe Area
CVBS Input	TSL Protocol for UMD and Tally	Adjustable Marker
1:1 Pixel mapping modes for SD/HD	Audio Disembedder	Overscan
Anti glare Panel	Audio Output AES / EBU	Gamma correction
RS-422	16 Ch Embedded Audio Level Meters	VESA 100 Support Mount

SPECIFICATIONS

Screen size	24"
Resolution	1920 x 1200
Brightness	400 cd/m ²
Contrast	1000:1
Aspect ratio	16:10
Viewing angles	178 H 178 V

Input

2 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI / VGA

Output

2 x BNC	SDI Note: GB version without SDI output
2 x XLR	Analogue Audio
1 x XLR	Digital Audio

Input Signals

3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
SMPTE-296M	720p (60 / 59.94 / 50)
SMPTE-260M	1035i (60 / 59.94)
SMPTE-125M	480i (59.94)
Tally inputs	(TTL)

Outputs

CVBS	(active loop)
AES/EBU	
Analog Audio	(balanced)
Alarm outputs	(TTL)

Others

UMD	YES
Audio level meters	

Control ports

RS422	
Ethernet	
USB Host	

P32C16G/GB

3G MULTIFORMAT LCD BROADCAST MONITOR WITH 3D IN MODE FOR CAMARA POSITIONING AND GAMMA SETTING

31.55" Full Native resolution broadcast multiformat monitor with 3G / HD / SD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as 3D In Mode, UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions.
Desk stand DTF240-320



MAIN FEATURES

1920 x 1080 Resolution	Alarm for lost of signal	Zebra
1300:1 Contrast ratio	Automation Signal Detection	Histogram
3G HD/SD SDI Input	3D In Mode	Selective Colour
DVI-I / VGA Input on DVI connector	UMD	Adjustable Safe Area
CVBS Input	TSL Protocol for UMD and Tally	Adjustable Marker
1:1 Pixel mapping modes for SD/HD	Audio Disembedder	Overscan
Anti glare Panel	Audio Output AES / EBU	Gamma correction
RS-422	16 Ch Embedded Audio Level Meters	VESA 200 Support Mount

SPECIFICATIONS

Screen size	31.55"
Resolution	1920 x 1080
Brightness	500 cd/m ²
Contrast	1300:1
Aspect ratio	16:9
Viewing angles	178 H 178 V
Input	
2 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI / VGA
Output	
2 x BNC	SDI Note: GB version without SDI output
2 x XLR	Analogue Audio
1 x XLR	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
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SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
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SMPTE-296M	720p (60 / 59.94 / 50)
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SMPTE-260M	1035i (60 / 59.94)
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SMPTE-125M	480i (59.94)
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Tally inputs	(TTL)
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Outputs

CVBS	(active loop)
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AES/EBU	
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Analog Audio	(balanced)
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Alarm outputs	(TTL)
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Others

UMD	YES
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Audio level meters	
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Control ports

RS422	
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Ethernet	
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USB Host	
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P37C16G/GB

3G MULTIFORMAT LCD BROADCAST MONITOR WITH 3D IN MODE FOR CAMARA POSITIONING AND GAMMA SETTING

37" Full Native resolution broadcast multiformat monitor with 3G / HD / SD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as 3D In Mode, UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions.
Desk stand DTF370-420



MAIN FEATURES

1920 x 1080 Resolution	Alarm for lost of signal	Zebra
1400:1 Contrast ratio	Automation Signal Detection	Histogram
3G HD/SD SDI Input	3D In Mode	Selective Colour
DVI-I / VGA Input on DVI connector	UMD	Adjustable Safe Area
CVBS Input	TSL Protocol for UMD and Tally	Adjustable Marker
1:1 Pixel mapping modes for SD/HD	Audio Disembedder	Overscan
Anti glare Panel	Audio Output AES / EBU	Gamma correction
RS-422	16 Ch Embedded Audio Level Meters	VESA 200 Support Mount

SPECIFICATIONS

Screen size	37"
Resolution	1920 x 1080
Brightness	500 cd/m ²
Contrast	1400:1
Aspect ratio	16:9
Viewing angles	178 H 178 V
Input	
2 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI / VGA
Output	
2 x BNC	SDI Note: GB version without SDI output
2 x XLR	Analogue Audio
1 x XLR	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
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SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
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SMPTE-296M	720p (60 / 59.94 / 50)
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SMPTE-260M	1035i (60 / 59.94)
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SMPTE-125M	480i (59.94)
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Tally inputs	(TTL)
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Outputs

CVBS	(active loop)
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AES/EBU	
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Analog Audio	(balanced)
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Alarm outputs	(TTL)
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Others

UMD	YES
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Audio level meters	
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Control ports

RS422	
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Ethernet	
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USB Host	
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P42C16G/GB

3G MULTIFORMAT LCD BROADCAST MONITOR WITH 3D IN MODE FOR CAMARA POSITIONING AND GAMMA SETTING

42.02" Full Native resolution broadcast multiformat monitor with 3G / HD / SD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as 3D In Mode, UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions.
Desk stand DTF370-420



MAIN FEATURES

1920 x 1080 Resolution
1200:1 Contrast ratio
3G HD/SD SDI Input
DVI-I / VGA Input on DVI connector
CVBS Input
1:1 Pixel mapping modes for SD/HD
Anti glare Panel
RS-422

Alarm for lost of signal
Automation Signal Detection
3D In Mode
UMD
TSL Protocol for UMD and Tally
Audio Disembedder
Audio Output AES / EBU
16 Ch Embedded Audio Level Meters

Zebra
Histogram
Selective Colour
Adjustable Safe Area
Adjustable Marker
Overscan
Gamma correction

SPECIFICATIONS

Screen size	42.02"
Resolution	1920 x 1080
Brightness	700 cd/m ²
Contrast	1200:1
Aspect ratio	16:9
Viewing angles	178 H 178 V
Input	
2 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI / VGA
Output	
2 x BNC	SDI Note: GB version without SDI output
2 x XLR	Analogue Audio
1 x XLR	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/ 1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
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SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
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SMPTE-296M	720p (60 / 59.94 / 50)
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SMPTE-260M	1035i (60 / 59.94)
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SMPTE-125M	480i (59.94)
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Tally inputs	(TTL)
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Outputs

CVBS	(active loop)
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AES/EBU	
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Analog Audio	(balanced)
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Alarm outputs	(TTL)
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Others

UMD	YES
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Audio level meters	
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Control ports

RS422	
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Ethernet	
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USB Host	
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P46C16G/GB

3G MULTIFORMAT LCD BROADCAST MONITOR WITH 3D IN MODE FOR CAMARA POSITIONING AND GAMMA SETTING

46" Full Native resolution broadcast multiformat monitor with 3G / HD / SD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as 3D In Mode, UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions. Desk stand DTF460-540



MAIN FEATURES

1920 x 1080 Resolution	Alarm for lost of signal	Zebra
4000:1 Contrast ratio	Automation Signal Detection	Histogram
3G HD/SD SDI Input	3D In Mode	Selective Colour
DVI-I / VGA Input on DVI connector	UMD	Adjustable Safe Area
CVBS Input	TSL Protocol for UMD and Tally	Adjustable Marker
1:1 Pixel mapping modes for SD/HD	Audio Disembedder	Overscan
Anti glare Panel	Audio Output AES / EBU	Gamma correction
RS-422	16 Ch Embedded Audio Level Meters	

SPECIFICATIONS

Screen size	46"
Resolution	1920 x 1080
Brightness	500 cd/m2
Contrast	4000:1
Aspect ratio	16:9
Viewing angles	178 H 178 V
Input	
2 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI / VGA
Output	
2 x BNC	SDI Note: GB version without SDI output
2 x XLR	Analogue Audio
1 x XLR	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/ 1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
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SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
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SMPTE-296M	720p (60 / 59.94 / 50)
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SMPTE-260M	1035i (60 / 59.94)
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SMPTE-125M	480i (59.94)
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Tally inputs	(TTL)
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Outputs

CVBS	(active loop)
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AES/EBU	
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Analog Audio	(balanced)
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Alarm outputs	(TTL)
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Others

UMD	YES
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Audio level meters	
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Control ports

RS422	
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Ethernet	
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USB Host	
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P55C16G/GB

3G MULTIFORMAT LCD BROADCAST MONITOR WITH 3D IN MODE FOR CAMARA POSITIONING AND GAMMA SETTING

54.6" Full Native resolution broadcast multiformat monitor with 3G / HD / SD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as 3D In Mode, UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions. Desk stand DTF460-540



MAIN FEATURES

1920 x 1080 Resolution
5000:1 Contrast ratio
3G HD/SD SDI Input
DVI-I / VGA Input on DVI connector
CVBS Input
1:1 Pixel mapping modes for SD/HD
Anti glare Panel
RS-422

Alarm for lost of signal
Automation Signal Detection
3D In Mode
UMD
TSL Protocol for UMD and Tally
Audio Disembedder
Audio Output AES / EBU
16 Ch Embedded Audio Level Meters

Zebra
Histogram
Selective Colour
Adjustable Safe Area
Adjustable Marker
Overscan
Gamma correction
VESA 400 Support Mount

SPECIFICATIONS

Screen size	54.6"
Resolution	1920 x 1080
Brightness	500 cd/m2
Contrast	5 000:1
Aspect ratio	16:9
Viewing angles	178 H 178 V
Input	
2 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI / VGA
Output	
2 x BNC	SDI Note: GB version without SDI output
2 x XLR	Analogue Audio
1 x XLR	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/ 1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
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SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
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SMPTE-296M	720p (60 / 59.94 / 50)
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SMPTE-260M	1035i (60 / 59.94)
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SMPTE-125M	480i (59.94)
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Tally inputs	(TTL)
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Outputs

CVBS	(active loop)
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AES/EBU	
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Analog Audio	(balanced)
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Alarm outputs	(TTL)
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Others

UMD	YES
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Audio level meters	
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Control ports

RS422	
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Ethernet	
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USB Host	
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P65C16G/GB

3G MULTIFORMAT LCD BROADCAST MONITOR WITH 3D IN MODE FOR CAMARA POSITIONING AND GAMMA SETTING

64.53" Full Native resolution broadcast multiformat monitor with 3G/HD-SDI, DVI and CVBS inputs, SCM(o) Smart Control Menu and digital audio disembedding including standard broadcast functions such as 3D In Mode, UMD, Scaling, 16 Audio Level Meters, Histogram, Peaking and False colour functions.



MAIN FEATURES

1920 x 1080 Resolution	Colour Temperature Adjustment	16 Ch Embedded Audio Level Meters
4000:1 Contrast ratio	RS-422	Zebra
3G HD/SD SDI Input	Alarm for lost of signal	Histogram
3G HD/SD SDI Active Output (*)	Automation Signal Detection	Selective Colour
DVI-I / VGA Input on DVI connector	3D In Mode	Free Adjustable Safe Area
CVBS Input	UMD Serial	Free Adjustable Marker
CVBS Active Output	TSL Protocol for UMD and Tally	Overscan
1:1 Pixel mapping modes for SD/HD	Audio Disembedder	Gamma correction
Anti glare Panel	Audio Output AES / EBU	VESA 400 Support Mount

SPECIFICATIONS

Screen size	64.53"
Resolution	1920 x 1080
Brightness	450 cd/m ²
Contrast	4000:1
Aspect ratio	16:9
Viewing angles	178 H 178 V
Input	
2 x BNC	SDI
1 X BNC	Analogue Input
1 x DVI-I	DVI / VGA
Output	
2 x BNC	SDI
2 x XLR	Analogue Audio
1 x XLR	Digital Audio
Input Signals	
3G SDI	SMPTE259M, SMPTE274M, SMPTE424M
CVBS	PAL/SECAM/NTSC
DVI-I	Up to 1080p60
3G SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mbps
DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital	640x480/800x600/1024x768/1280x768/1280x1024/720x400/1600x1200/1920x1200/1920x1080
DVI-Digital	(Video) 1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)

Analogue Input Specifications

Composite	1.0Vpp (With Sync)
RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)

SDI Input Signal

SMPTE-425M-A	1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 / 30sF / 29.97sF / 25sF / 24sF / 23.98sF)
SMPTE-274M	61080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
SMPTE-296M	720p (60 / 59.94 / 50)
SMPTE-260M	720p (60 / 59.94 / 50)
SMPTE-125M	480i (59.94)
Tally inputs	(TTL)

Outputs

3G SDI	(active loop)
CVBS	(active loop)
AES/EBU	
Analog Audio	(balanced)
Alarm outputs	(TTL)

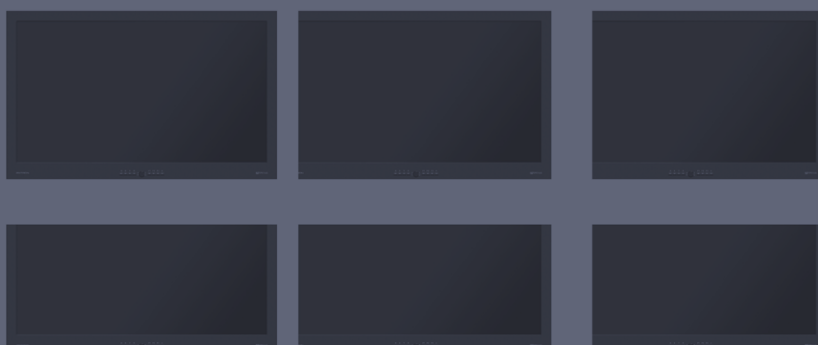
Others

UMD	YES
Audio level meters	

Control ports

RS422	
Ethernet	
USB Host	

CONTACT



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