

Betz

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transvideo

CineMonitor HD

CineMonitor IIIa

Rainbow X^{treme}

*HD and Analog
Videotransmitter*

External Electronic Bubble Level

HD-SDI to Analog Converter



Design Features *CineMonitor HD 6" SBL classic*



6" Hi-Definition monitor for Digital Cinematography

High brightness display 1000 NITS LED backlight

HD/SD SDI auto-sense, Analog input

Color, « Green Screen » & monochrome display

4 :3 , 16:9, Anamorphic, Safe area Markers.

Horizontal, vertical flips & autoflip Zoom & Move functions User set-ups

Viewing angle optimized for body-rig use Left Right Down 80°, Up 60°

Inputs/Outputs:

1 SDI input & 1 SDI reclocked output on BNC. 1 CVBS input,

1 YPrPb HD input on Lemo 8 pin

also available with 2 SDI (HD/SD) inputs and 1 reclocked output.

Power Input: 10 to 36 Volts Consumption 15.5W

Galvanic insulation of the power supply.

Weight: 1,2 kg (2.6 lbs) Including bottom Slide with 1/4-20 nut.

Size: 195 x 160 x 58 mm (7,6" x 6,3" x 1,5")

Now includes:

Frameline Generator & Matting Generator

Up to 3 programmable color frames

Advanced Measurement Tool Set of tools for video measurement

Including RGBY Waveform, Vectorscope, Histogram

Overexposure control.

Options:

Horizon HD leveler option

Design Features *CineMonitor HD 6" SBL evolution*



Same Datas and Function as the CineMonitor HD6" SBL classic,

but includes additional features:

Advanced Measurement Tools Set of advanced tools for video measurement including YRGB, RGB, GBR, YPrPb Waveform,

Advanced Focus Helper with selectable colors and level.

Horizon display movable in the picture

Time code reader,

Embedded Audiobargraph.

COOKE i/lenses interface.

Freeze, Store, Recall, Superimpose function.

Power supply monitoring on screen.



Options:

Horizon HD leveler option

Design Features External Bubble



External Digital Bubble-Level Sensor

Upgrades any existing sled that works with CineMonitor HD 6"/8" with software release or PRO Monitor.

Digital external sensor with analogue and digital output displaying an electronic bubble-level exclusively on the screen of the CineMonitor HD 6"/8" and Sunbird LCD or PRO monitors.

Adjustable level-sensitivity, adjustable display-angle, (automatic high/low mode detection).

Invertible icon-range.

Digital "zero"-setting.

Input voltage: DC 8 - 18 Volt

Power consumption: 0.4 W

Size: 8 x 3 x 2 cm (3.1" x 1.2" x 0.8")

Weight: 80 g (0.17 lbs)

Part no.	Description	Price in €uro
	CineMonitor HD 6" SBL classic	
TVHD6SBLC	Monitor standard config. slide mounting bracket Superbright 1000nit	3950,00
	CineMonitor HD 6" SBL evolution	
TVHD6SBLE	Monitor standard config. slide mounting bracket Superbright 1000nit	4.950,00
	Software Options	
TVEBUB	Adjustable Electronic Horizon for internal or external bubble sensor	600,00
	External Bubble-Level Sensor	
EBUB	External digital bubble-level sensor	795,00
	Cable	
RIG-MHD	RIG-HD Power/SD/Tally/sep. HD-BNC 8pin Lemo 110 cm/43.3"	195,00
RIG-MHDBU	RIG-HD Power/SD/Tally/sep. HD-BNC/sep.bubble 8pin Lemo 110 cm/43.3"	245,00
TV-BUB	HD Monitor to external Bubble/Power/Signal 4pin Lemo 45 cm/17,7"	125,00
	Accessories	
TVHDHOB	DeLuxe hood extension, removable bottom flap,anti reflective	90,00
TVHDRC	Raincover	90,00
918TS0137	V-Mount Battery Back	290,00

Other Accessories and Transvideo Parts on request

Design Features *CineMonitor IIIa*



6" CineMonitor IIIa with Digital Signal Processing

High brightness or superbright display 800nit/1400nit
Contrast 450:1, resolution 320x240xRGB.

Analog Video input, PAL/SECAM/NTSC 3,58 and 4,43
4:3 / 16:9 / Anamorphic, Markers for 16:9 formats.

Horizontal, vertical flips and autoflip

Zoom and move functions, freeze and recall

color, green screen, blue check and monochrome display

Standard XLR, two BNC, 10pin Hirose connector

Power input: DC 9 - 36 Volt

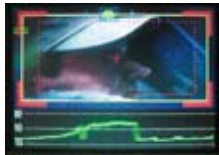
Power consumption: at max. brightness: 13 W

Size: 182 x 112 x 70 mm (7.2" x 4.4" x 2.7")

Weight: 0,9 Kg (2.16 lbs)

Other Accessories and Transvideo Parts on request

Design Features *RainbowX^{treme}*



5" Color Monitor with Digital Signal Processing

Normal brightness or superbright display 370 nit/800nit

Contrast 700:1, resolution 320x240xRGB.

Analog Video input, PAL/SECAM/NTSC

4:3 / 16:9 / Anamorphic, Markers for 16:9 formats.

Horizontal, vertical flips and autoflip, Underscan function

Embedded frameline generator, matting generator

Up to 3 frames with or without center

Embedded virtual horizon

Tally light on picture

Waveform Y monitor

Standard XLR, two BNC, Hirose 6pin connector

Power input: DC 10 - 36 Volt

Power consumption: 12,5 W

Size: 5" 135 x 100 x 57 mm (5.3" x 3.9" x 2.2")

Weight: 0.62 kg (1.4 lbs)

Other Accessories and Transvideo Parts on request

Design Features *Rainbow II*



16:9 Color Monitor with Digital Signal Processing

6.5" normal brightness or superbright display 450 nit/900nit

Contrast 700:1, Resolution 400x240xRGB.

Three Analog Video input, PAL/SECAM/NTSC

4:3 / 16:9 / Anamorphic, Underscan function, Zoom function,

Horizontal, vertical flips and autoflip

Standard XLR, BNC, Hirose 6pin connector

Power input: DC 10 - 36 Volt

Power consumption: 12,5 W

Size: 6.5"163 x 100 x 58.5 mm (6.1" x 3.9" x 2.3")

Weight: 0.72 kg (1.6 lbs)



Also available with built in UHF or 2.4 GHz receiver

Other Accessories and Transvideo Parts on request

Part no.	Description	Price in €uro
6" CineMonitor IIIa		
TVCIII	Monitor standard configuration highbright 800 nit	2.470,00
TVCIIISB	Monitor standard configuration superbright 1400 nit	2.720,00
5" RainbowX^{trème}		
TVRBX5	Monitor standard configuration bright 370 nit	1.450,00
TVRBX5S	Monitor standard configuration superbright 800 nit	1.700,00
6,5" Rainbow II 16/9		
TVRB6.5	Monitor standard configuration bright 450 nit	1.490,00
TVRB6.5S	Monitor standard configuration superbright 900 nit	1.740,00
Cable		
RIG-MonTR	RIG/PRO/MK-V power/video/tally 6pin/10pin Hirose 110cm (43,3")	195,00
RIG-XLR-M	RIG/PRO/MK-V power/video 4pin XLR/BNC 110cm (43,3")	185,00
Accessories		
TVCMHO	DeLuxe hood diagonal cut, removable bottom flap, anti reflective CineMonitor	75,00
TVRBHO	DeLuxe hood diagonal cut, removable bottom flap, anti reflective Rainbow	75,00
TVCMRC	Raincover for CineMonitor	90,00
TVRB5RC	Raincover for Rainbow Monitor 5"	60,00
TVRBIIRC	Raincover for Rainbow Monitor 16/9	70,00

Other Accessories and Transvideo Parts on request

Part no.	Description	Price in €uro
Accessories		
MCU	Dovetailplate and slider to mount any monitor	185,00
TVCSLM	Clamp for Slide Mounting	120,00
TVSM	Slide Mounting with 1/4" floating nut	65,00
TVSP	Spigot	35,00
TVSA	3D Swing Arm 1/4-20 male or 3/8-16 male	120,00

MCU



TVSM



TVSA



TVCSLM



TVSP



Other Accessories and Transvideo Parts on request

Design Features *Titan Analog Video-Transmission*



2.4-2.5GHz Band FCC Part 15 (15.249) for Transmitted power
Video signal formats PAL / SECAM / NTSC / B&W Video Level 1V/75Ω
Distance of transmission 300 m (1000 Ft) depends of the environment
Articulated antenna on SMA connector
DC in and SD Video out in Lemo Standard Steadicam Configuration

Power Input: 9 to 36Volts 2 Watts
Dimensions w.o. Antenna: 105 mm x 72 mm x 25 mm (4" x 2,8" x 0,9")
Weight: 0,2 kg (0,4lb)
Operating temperature -25°C +65°C

Design Features *Titan HD Video-Transmission*



TITAN HD is a Full HD uncompressed, 10 bits wireless link.

With a transmission latency of less than 3 milliseconds, this system is perfect for video-village use on Digital Cinematography productions. TITAN HD is on the 5.8GHz ISM band this doesn't require a broadcast license.

Other functionalities: GPI transmission for tally or static controls - RS232 data transmission - Display of the transmitted power and of the signal quality - Audio mute selectable between takes - Update by USB

Transmission Range: Transmission range varies depending on the topology of the location, performance remained excellent during an open field line of sight from 60 Meter (200 feet). It can be reduced by walls or interferences with other systems.

Audio Transmission: Two audio channels are transmitted and selectable between 2 analog balanced inputs or SDI embedded audio.

Video signal compatibility: HD/SDI 1080i 23.94 to 60 - 1080p 24 to 30 1080PsF 23.98/24 - 720p 25 to 60 - SD/SDI 525i/625i - SD PAL, NTSC, SECAM

Inputs and outputs:

Tx 2 x HD SDI in, 1 x reclocked output, 1 x CVBS in, 1 x CVBS out

Rx 2 x HD SDI out, 2 x CVBS out

Power Input: 10 to 36 Volts

Transmitter is stacked between the camera and the V-Lock battery.

Part no.	Description	Price in €uro
Titan Analog		
TVTitanTx	Titan Analog Video Transmitter with Antenna	1100,00
TVTitanRx	Titan Analog Video Receiver with Antenna	1100,00
TVTitanPack	Titan Analog Video Transmitter/Receiver/Antennas/2cables/6dB Att.	2190,00
Accessories		
TVTitanA3	Tilt and Swivel SMA Antenna 3dbi (standard)	20,00
TVTitanA9	Tilt and Swivel SMA High Performance Antenna 9dbi	30,00
TVTitan6dB	6 dB attenuator	55,00
Titan HD		
TVTitanHD	Titan Pack Tx/Rx modul, 5 x Patch antennas, AL24 power supply, Bridge for 3/8-16, C-Stand adapter	8700,00
Accessories		
TVTitanHDDC	Down converted output on Rx	600,00
TVTitanHDEH	Embedded Horizon	600,00
TVTitanHDA	Replacement 5.8GHz patch antenna	35,00

Part no.	Description	Price in €uro
DEC/ST	Decimator with integrated 4pin. Lemo connector for Power and Video	575,00
DEC-RIG4	Power/Video Cable RIG to Decimator 4pin - 4pin Lemo	125,00
DEC-RIG3	Power Cable RIG to Decimator 3pin - 4pin Lemo	125,00
DEC-XLR	Power Cable XLR to Decimator XLR 4pin - 4pin Lemo	95,00

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