ad notam LCD/LED DTV-SERIES

DTV 15.6" V2

MIRROR IMAGE® is the LCD/LED engine that drives images through glass and mirror to deliver superb picture quality. All products are German made, custom-engineered LCD technology. They are exclusively designed to overcome the unique challenges of operating in ventilation deprived environments and to allow easy and adjustable mounting.

The DTV Line is the revolutionary slimmest and feather-weight LCD/LED Monitor by **ad notam®**. The DTV Line is the advancement of the **ad notam®** integration principle to create a monitor system affiliating 100% into any interior or furniture design without influencing its nature of functionality.

The DTV Line is ideal for business, where the construction environment does not allow big installation depth. It is perfectly qualified for the combination with furniture and cabinets where the origin of design requires certain physical regulations to fit the electronic part without limiting the functionality of moving doors, hinges and frames.

The Monitor System is separated into two elements:

1. the LCD/LED panel, attached with the standard patented magnetic mounting system (optional) on the backside of the glass, and
2. the intelligent part, the so called "Input Box", which has all the needed video and audio inputs of an advanced TV.

Both elements (LCD/LED and Input Box) are connected through one cable only, that transports the power and the audio-/ video signal. The position of the two elements can either be considered at different places (up to 4 meter distance apart) or can both be placed behind the glass.
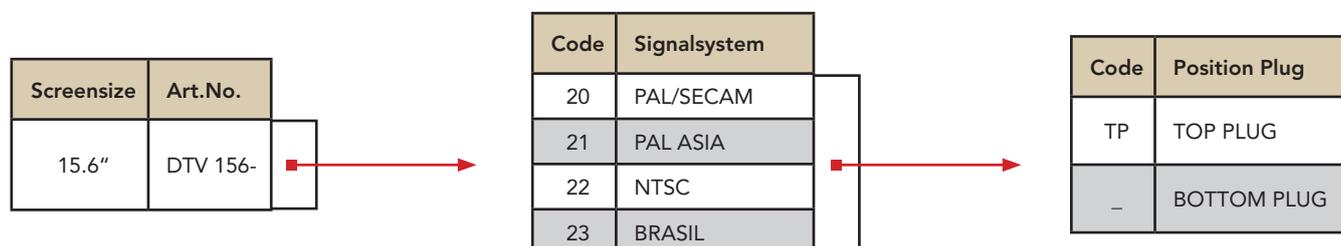
When combined with MAGIC MIRROR®, MIRROR IMAGE® switches completely invisible when turned off. MIRROR IMAGE® technology is patent protected.

PRODUCT HIGHLIGHTS

- Feather light Monitor System
- Super flat LCD/LED profile
- One power and signal cable only (up to 4m lenght)
- IBE system architecture "Input Box external" - for unique design fusion & squeezed environments
- Hybrid Tuner (ATV and DTV)
- Flush fitted monitor
- Adjustable mounting system for particularized placement
- Low Voltage
- Doesn't require ventilation
- Sealed Casing
- LCD/LED Technology
- Optional RF remote control (no IR eye needed)
- DOG (direct-on-glass) System Architecture

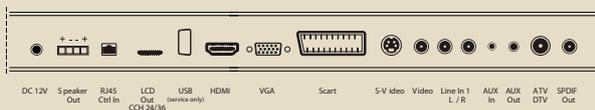### Article No.:

Screensize	Art.No.
15.6"	DTV 156-

Code	Signalsystem
20	PAL/SECAM
21	PAL ASIA
22	NTSC
23	BRASIL

Code	Position Plug
TP	TOP PLUG
_	BOTTOM PLUG

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Technical Datasheet:

Frontview DTV 15.6" V2 INPUT BOX PAL/SECAM

| DC 12V | Speaker Out | RJ45 Ctrl In | LCD Out CCH 24/36 | USB (service only) | HDMI | VGA | Scart | S-V video | Video | Line In 1 L / R | AUX In | AUX Out | ATV DTV | SPDIF Out |

Frontview DTV 15.6" V2 INPUT BOX PAL ASIA

| DC 12V | Speaker Out | RJ45 Ctrl In | LCD Out CCH 24/36 | USB (service only) | HDMI | VGA | Component | S-V video | Video | Line In 1 L / R | AUX In | AUX Out | ATV DTV |

Frontview DTV 15.6" V2 INPUT BOX NTSC/BRASIL

| DC 12V | Speaker Out | RJ45 Ctrl In | LCD Out CCH 24/36 | USB (service only) | HDMI | VGA | Component | S-V video | Video | Line In 1 L / R | AUX In | AUX Out | ATV DTV |

Topview DTV 15.6" V2 INPUT BOX

PLUGS + 60 – 100 mm

121 mm

393 mm
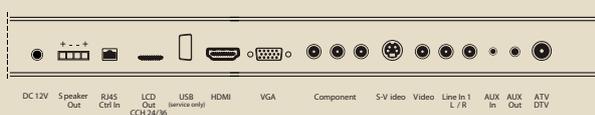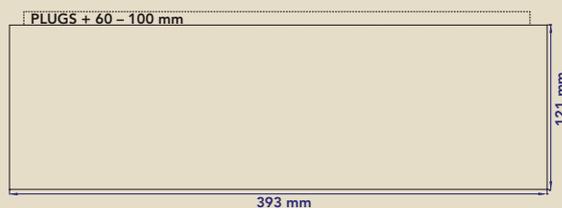
Sideview DTV 15.6" V2 INPUT BOX

25 mm

PLUGS + 60 / 100mm

Frontview DTV 15.6" V2 LCD

Sideview DTV 15.6" V2 LCD

409mm / 16.10"

342mm / 13.46"

33.5mm 1.32"

10mm 0.39"

229mm / 9.02"

191mm / 7.52"

CONNECTOR +60mm / 2.36"

19mm / 0.75"

Topview DTV 15.6" LCD

183mm / 7.2"

23mm / 0.91"

CCH connector
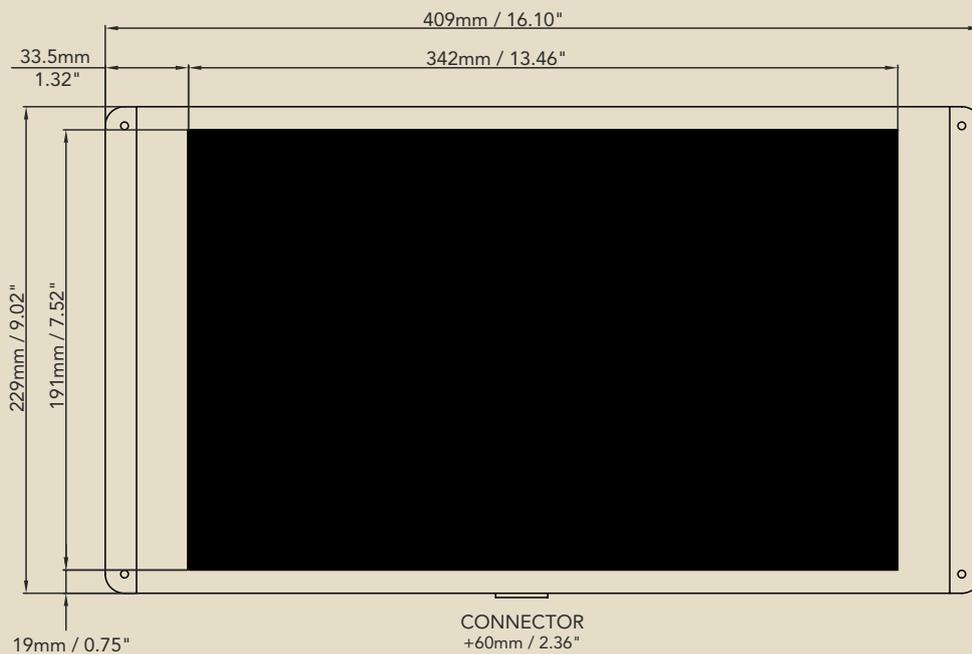
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DTV 15.6" V2

Screen Technology:

Art.No. / Features	DTV 156-20	DTV 156-21	DTV 156-22 / DTV 156-23
Display Type	TFT Thin Film Transistor	TFT Thin Film Transistor	TFT Thin Film Transistor

Active Screen Area	W x H 350 x 197mm
	         13.78" x 7.76"
	Diagonal 396.0mm / 15.6"
		W x H 350 x 197mm
		         13.78" x 7.76"
		Diagonal 396.0 mm / 15.6"
			W x H 350 x 197mm
			         13.78" x 7.76"
			Diagonal 396.0 mm / 15.6"

Picture Format	16:9	16:9	16:9
Physical Resolution	1600 x 900	1600 x 900	1600 x 900
Viewing Angle	Horizontal 120 Vertical 100	Horizontal 120 Vertical 100	Horizontal 120 Vertical 100
Brightness	280 cd/m^2	280 cd/m^2	280 cd/m^2
Contrast	800 : 1	800 : 1	800 : 1
Response Time	8 ms	8 ms	8 ms
TV-Inputs	DVB COFDM 2K/8K OPSK 16/64 QAM, PAL / SECAM, UHF / VHF	DVB COFDM 2K/8K OPSK 16/64 QAM, PAL / SECAM, UHF / VHF	ATSC A: 8 – VSB / C: 64 QAM, 256 QAM, MPEG2
Video-Inputs	HDMI (1080i/24,50,60 Hz), RGB (VGA, SVGA, XVGA, SXVGA), SCART, Y/C, FBAS, RJ45, USB (for service only)	HDMI (1080i/24,50,60 Hz), RGB (VGA, SVGA, XVGA, SXVGA), YRbPr, Y/C, FBAS, RJ45, USB (for service only)	HDMI (1080i/24,50,60 Hz), RGB (VGA, SVGA, XVGA, SXVGA), YRbPr, Y/C, FBAS, RJ45, USB (for service only)
Audio-Inputs	HDMI 1.3, STEREO 3.5, RCA STEREO, DIGITAL AUDIO OUT, SPEAKER OUT	HDMI 1.3, STEREO 3.5, RCA STEREO, DIGITAL AUDIO OUT, SPEAKER OUT	HDMI 1.3, STEREO 3.5, RCA STEREO, DIGITAL AUDIO OUT, SPEAKER OUT
Operating Temperature	5 to 50 Celsius / 41 to 122 Fahrenheit	5 to 50 Celsius / 41 to 122 Fahrenheit	5 to 50 Celsius / 41 to 122 Fahrenheit
Power	DC 12V 14 W / 1200 mA	DC 12V 14 W / 1200 mA	DC 12V 14 W / 1200 mA
Weight	2,1 kg	2,1 kg	2,1 kg
Amplifier Output	4 x Phoenix-clip, 3.5W RMS@4 Ohm per Channel	4 x Phoenix-clip, 3.5W RMS@4 Ohm per Channel	4 x Phoenix-clip, 3.5W RMS@4 Ohm per Channel
Filter	COMB FILTER / DEINTERLACE 3D	COMB FILTER / DEINTERLACE 3D	COMB FILTER / DEINTERLACE 3D
Tuner Receiver	PAL/SECAM, DVB-T MPEG2	PAL, DVB-T MPEG2	NTSC, ATSC MPEG2
Tuner Channels	ATV: 100 / DTV: 400	ATV: 100 / DTV: 200	AIR 2 – 69 / CABLE 2 – 125
Sound System	BG, DK, I, L, L`, NICAM/A2	BG, DK, I, NICAM/A2	M, AC – 3 / MPEG LAYER I / II
FM Radio	no	no	no
Teletext / EPG / PIP	yes / yes / ---	yes / yes / ---	yes / yes / yes
Interactive Port RJ45	IR/RF Input / RS232 (optional)	IR/RF Input / RS232 (optional)	IR/RF Input / RS232 (optional)
Remote Control Code	definable	definable	definable

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Power Supply:

Power	Voltage IN	Voltage OUT	Type	Operating Temperature
70 W / 5,5 A	90 – 264 Vac	12 V DC	N-ET 70	0 - 40 °C
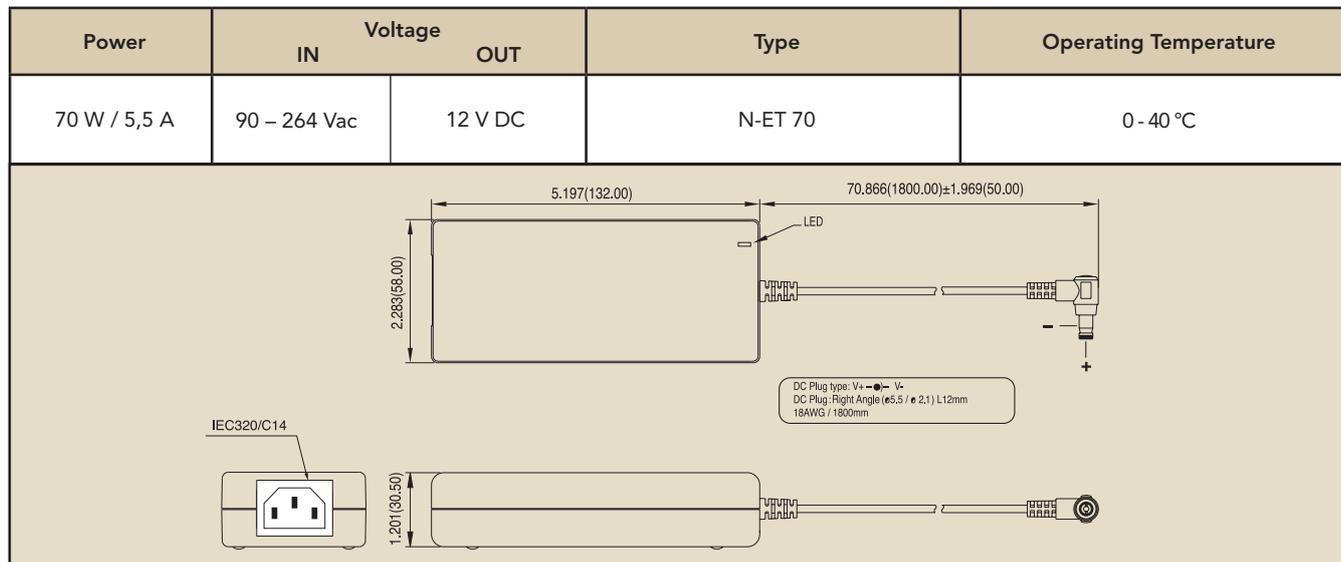
Connection Cable LCD - Input Box

Type	Lenght	Note
ET 390 (36 pin)	500 mm	In Scope of Delivery
CSET-21_36_4	4.000 mm	Optional

Remote Control (Infrared):

Type	Feature	Dimensions B x H x D
AQUA-IR-4	Water resistant	110 x 58 x 38 mm 4.33" x 2.28" x 1.44"