

LV-70X500E

70" 8K SUPER HI-VISION MONITOR

The LV-70X500E is an 8K Super Hi-Vision monitor with reference picture quality.



**SUPER
HI-VISION**
8K RESOLUTION



HDR
HIGH DYNAMIC RANGE

Highlights

SCREEN SIZE 177 cm (70")

8K input (4x HDMI 2.0 INPUTS)

HIGH DYNAMIC RANGE FUNCTION (HDR)

ULTRA RESOLUTION/WIDE COLOR/HIGH CONTRAST PANEL

4K/2K HDMI INPUT/2K D-SUB video
contents can be up-converted to 8K resolution.

SIMPLE MONITOR DESIGN

USB 8K SLIDE SHOW MODE

USB 4K FOR VIDEO

The LV-70X500E is an 8K Super Hi-Vision Monitor with exceptional picture quality.

[Sharp.eu/av](https://sharp.eu/av) | [#SharpBeOriginal](https://twitter.com/SharpBeOriginal)

SHARP
Be Original.

DISPLAY

Diagonal screen size cm / inch	177/70
Panel resolution	7680 x 4320
Backlight	LED
Brightness (cd/m ²)	400
Peak brightness (cd/m ²)	1 000
Dynamic contrast	1 000 000:1
Local dimming control	216 areas
Rich Colour Technology	YES
CIE1931xy cover ratio vs BT.2020	79%
CIE1976 u'v' cover ratio vs BT.2020	86%
BT.2020 convert	YES
Scan / Blinking	YES (Scan)
Scan area	YES (18x12)
Dejudder	YES (except for 8k input)
Panel response time	8msec (typ)
8K Up conversion	YES
Dynamic range setting	Auto/HLG/PQ/SDR
HLG standard HDR	YES (8K input only)
BD standard(PQ) HDR	YES (INPUT 1 & 7 only)
HDR10 (PQ)	YES (INPUT 1 & 7 only)

AUDIO SYSTEM

Speaker	2.1 Channel full-range + woofer
Speaker Power	2x10W + 15W Subwoofer
Audio enhancement solution	Surround Sound

FUNCTION

8K Input signal	24/25/30/50/60Hz
IP Control	YES
Dynamic range setting	Auto/HLG/PQ/SDR
USB 4K Video	H.265/H.264; 30p
USB Video	H.264/MPEG4 AVC/MPEG2/ 3GP/H.265/HEVC
USB Music	MP3, WAV, WMA, AAC, FLAC
USB Photo	JPG, JPEG, BMP, PNG
USB Software Update	YES
USB file system	FAT16/FAT32/NTFS
HDMI-CEC	YES

APPEARANCE

Main body	Black aluminium
Stand	Black metallic

CONNECTORS

HDMI 2.0 (8K)	YES (4x)
HDMI 2.0 (4K/2K)	YES (4x)
USB 3.0	YES (2x)
RJ 45 (LAN - 10BASE-T/100BASE-TX)	YES
Composite Input	YES
Audio out / Headphone Jack	YES
Digital Optical Audio Output	YES
Analogue Audio Input 3,5mm	YES

8K HDMI INPUT

8K HDMI input	1 (HDMI 2.0 x 4)
Resolution	2160p(24/30/60Hz, 25/50Hz)
HDCP	ver 2.2
Chroma sampling	(4K)~4:4:4
DeepColor	YES
HDR(PQ)	YES
BT.2020	YES
CEC	YES

2K/4K HDMI INPUT

2K/4K HDMI input	4
Resolution	VGA,480i/p, 1080i, 720p, 1080p (24/30/60Hz, 25/50Hz); 2160p (24/30/60Hz, 25/50Hz)
HDCP	ver 2.2
Chroma sampling	(4K)~4:2:0
DeepColor	YES
HDR(PQ)	YES (Input 1 only)
BT.2020	YES
ARC	YES (Input 2)
CEC	YES

PC INPUT

PC IN	Mini D-Sub15 pin (Input 6)
Resolution	VGA/SVGA/XGA(60~75Hz)/SXGA/US TEXT W-XGA(1360/60Hz)/FHD
Audio input	HDMI1 (Input 1)/Composite Input 5/PC Input (Input 6)/8K Input (Input 7) switching

OTHERS

UI Language / E-manual	EN, DE, FR, ES, IT, RU, PL
Power Requirements	AC 220-240V ~ 50Hz
Safety Logo Certification	EAC, CE (EMC), CB (Safety), ErP (Energy) etc
ErP Compliant	YES
Power Consumption (standard/max)	260/445 W
Power Consumption (Standby Mode)	<0.50 W
VESA standard (mm)	400 x 400
EAN	4974019946788
Net size with stand (W x H x D in mm):	1564,0 x 967,0 x 375,0
Net size without stand (W x H x D in mm):	1563,0 x 910,0 x 92,0
Box size (W x H x D in mm):	1860,0 x 1088,0 x 304,0
Net weight withou stand (kg)	42,5
Net weight with stand (kg)	45,0
Gross weight (kg)	58,0

PRODUCT FICHE

Supplier trademark Sharp	LV-70X500E
Energy class	B
Screen size	177 cm / 70 inches
Power consumption	260 W

Annual energy consumption*	361 kWh
Standby power consumption	<0.50 W
Off mode power consumption	Not applicable
Screen resolution	7680 (H) x 4320 (V)

* - Energy consumption XYZ kWh per year, based on the power consumption of the television monitor 4 hours per day for 365 days. The actual energy consumption will depend on how television is used.