

LV-70X500E

70" 8K ULTRA-HIGH-DEFINITION TECHNOLOGY MONITOR

The LV-70X500E is an 8K ultra-high-definition technology monitor with reference picture quality.

8K
7680 × 4320 Pixels



AQUOS 8K



WIDE COLOR GAMUT



SURROUND SOUND

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 ultra-high-definition technology 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 alluminium |
| 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.