



Virtual Skylight Display

The all-new 46" Virtual Skylight Display turns any office space into a calming, natural setting

Daisy-chaining of 4K/UHD signals

Easy-4K models support daisy-chaining of 4K signals via HDMI 2.0 through up to ten displays. This makes the expansion of 4K video across most video walls simple, easy, and low-cost.

Plenum-Safe Design

DN46HE is designed for use in drop-ceilings and does not require any additional plenum-rated boxes or enclosures. This unique display is designed for safe installation and use in ceiling-embedded applications.



Features

Seamless integration with drop ceilings

DN46HE's unique white housing and special bezels make for easy installation and seamless integration with existing drop ceilings. With a 4-foot by 2-foot outline, this display perfectly fills out the space vacated by two drop ceiling tiles, providing you with a virtual skylight to the calming serenity of nature without ever leaving the office.



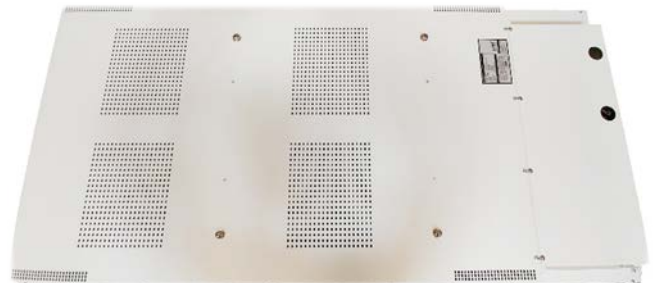
Easy-4k daisy-chaining

Expanding 4K/Ultra-HD content across large video wall arrays is made simple via support of HDMI 2.0 daisy-chaining. 4K content can be shown on video wall arrays of up to ten displays using a single HDMI cable without signal amplification, making stunning 4K video walls possible without the added cost of video wall processors or multi-output computers. Full-HD (1920x1080) content can be carried through up to 25 displays without signal amplification. With distribution amplifiers in place, arrays of up to 256 displays are possible.



Plenum-safe design

In addition to being visually appealing, DN46HE's housing design is engineered for safe, long-term mounting in plenum spaces. With secure, metal housing an specialized holes for conduit, the DN46HE does not require a plenum box- only a mount!



Customizable Housing

The sturdy metal housing of DN46HE may be customized upon request. We can provide virtually any color or finish to ensure that this Virtual Skylight fits in with your existing interior design.



DN46HE

Panel Attributes

Screen Size (Diag.)	46"
Panel Technology	Commercial-grade Direct-LED backlight
Resolution	1920 x 1080
Pixel Pitch (mm)	0.53025 (H) x 0.53025 (V)
Surface Treatment	Anti-Glare coating (3H), Haze 11% (Typ.)
Brightness (Typ.)	700nit
Contrast Ratio (Typ.)	4,000:1
Displayable Colors	10bit(D), 1.07 Billion colors
Viewing Angle	178° (min) / 178° (min)
Response Time (Typ. GTG)	6.5ms
Aspect Ratio	16:9
Refresh rate	60Hz

Dimensions, Power & Other

Dimension (W x H x D), Weight	47.74" x 23.74" x 3" / 55lbs
Active Area	40.26 x 22.74 (in.) / 1022.5 x 577.5 (mm)
VESA Pattern (mm)	400 x 400
Electrical Ratings	AC 100 - 240V (50/60Hz)
Power Consumption (Max.)	120W / 1.5A
BTU rating (Typ.)	461
Mullion Compensation	SICP software or Remote control
Operating Temperature	32°F - 104°F
Operating Humidity Range	10~80%
Possible Display Type	Landscape and Portrait-Compatible
Industrial Reliability	50,000+ Hours
Warranty	Two Years

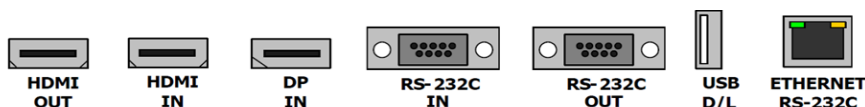
Connectivity

DisplayPort	1 x Input
HDMI (up to 3840 x 2160)	1 x Input, 1 x output
RS-232	1 x Input, 1 x output
Ethernet RJ45 (Optional- for control & monitoring)	1 x Input
USB (for service only)	1 x Input

Certification

Safety	UL (USA) : UL 60950-1 and 2043 CSA (Canada) : CAN/CSA C22.2 No. 60950-1-07 CE(Europe) : EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 RCM(Australia) :AS/NZS 60950.1:2015 IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013
EMC	FCC (USA) FCC class B CE (Europe): EN55032 / EN55024 Australia:EN55032 / EN55024 EN 60950 1:2006 / A11:2009 / A1:2010 / A12:2011/A2:2013 ICES-003

- 24/7/365-Rated
- Built-in Video Wall Processor (up to 11x11 Natural Mode)
- Color temperature preset (3200k/5600k/6500k/7800k/9300k)
- Includes [Video Wall Control Software](#)
- Includes necessary cables for daisy-chain of both control and video signals



Project-based Factory Color Calibration

DN46HE displays are assembled-to-order on a project basis. This allows for more accurate color calibration prior to shipment.



By pre-calibrating and ensuring a match between displays associated with a single deployment, GPO Display reduces the need for post-installation calibration and adjustments.

Overheat Prevention System

In order to prevent dangerous overheating, a warning message will appear for one minute when overheating occurs, followed by preventative, automatic powering off of the displays



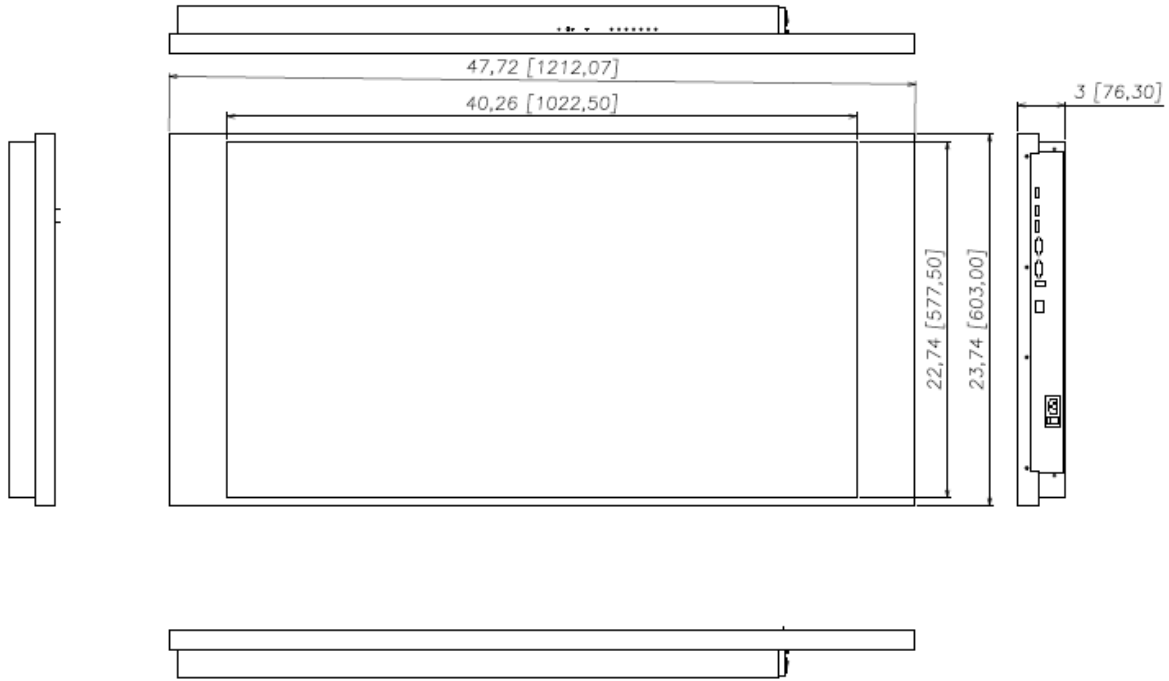
[Auto Power-off]

Easy-4k daisy-chaining

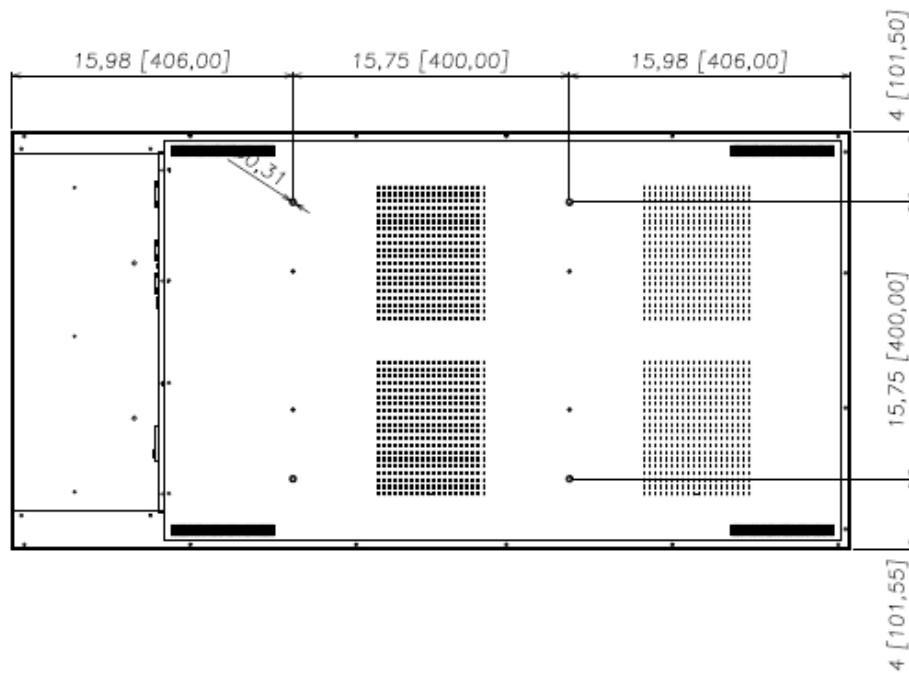


Mechanical Drawing (display only)

Front View



Rear View

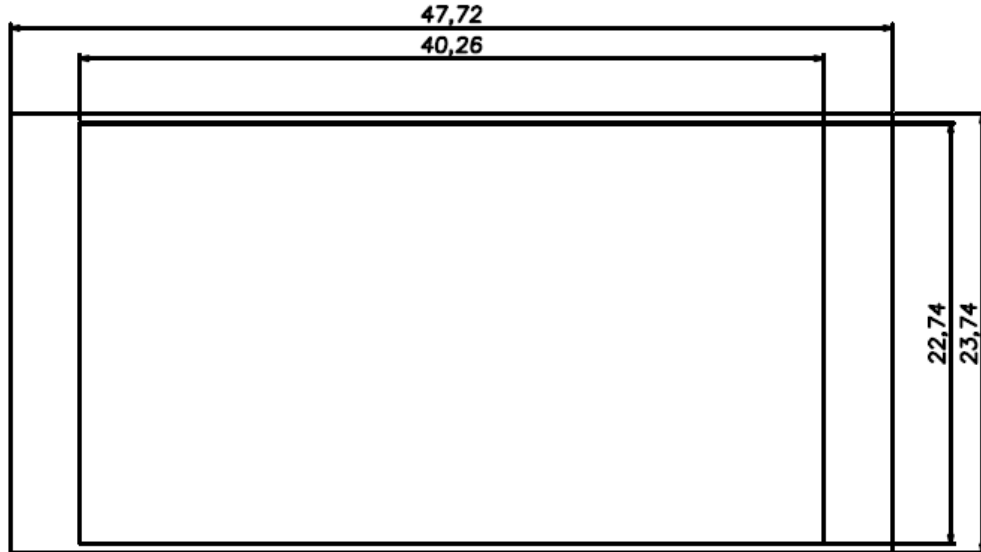


Note: GPO Display may change specifications and designs without notice

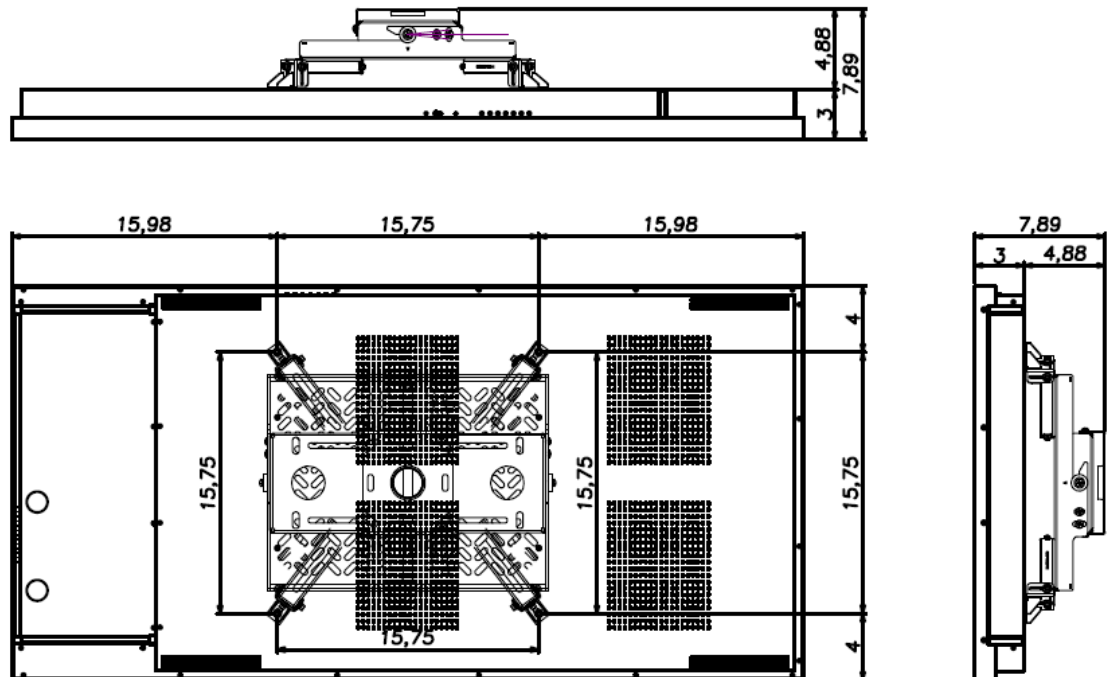


Mechanical Drawing With mount (PBM-UNI)

Front View



Rear View



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