TTN-5501 55-INCH 4K COMMERCIAL-GRADE LCD DISPLAY FOR VIDEO SURVEILLANCE

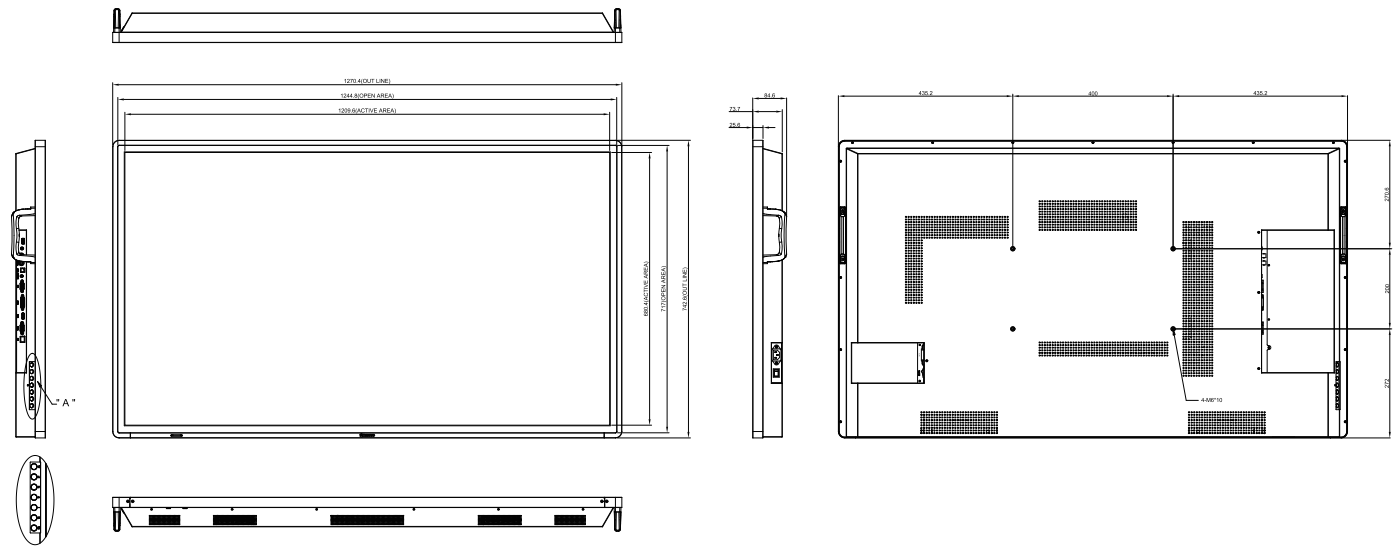
NeoV Anti-Glare GLASS · Anti-Burn-in™ · IK10 · 24/7 · TAA & NDAA COMPLIANT MADE IN TAIWAN · Black Level Alignment

FEATURES

- Ultra HD 3840 x 2160 resolution and 400 nits brightness
- Anti-Burn-in™ technology prevents image ghosting
- Manufactured in Taiwan for exceptional quality
- Rigorous screening of the components for mission-critical 24/7 applications
- Front-sided IP22 rating protects the screen from liquid and dust
- IK10 metal casing protection and better thermal dissipation
- Flexible display orientation: Landscape/Portrait
- Versatile connectivity: HDMI, DVI, VGA, Composite (BNC)
- BNC passive loop-through output port
- RS232/LAN Control - provides compatibility with control systems
- CCTV picture mode for maximum image detail in low light footage
- Black-level adjustment for presenting more details in dark images
- Selectable gamma curves optimise different kinds of images
- Built-in USB media playback for simple signage content delivery
- Lockable control keys to prevent tampering in public environments

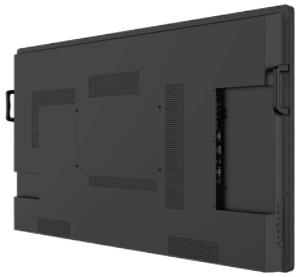
The TTN-5501 55" LCD display is engineered for critical surveillance in environments like transportation hubs, retail stores, and manufacturing sites, offering exceptional operational excellence 24/7. Its robust construction ensures longevity, and its comprehensive connectivity alongside advanced remote management capabilities streamline operations. Designed specifically for crucial surveillance and property security, the TTN-5501 delivers crystal-clear, detailed video footage with 4K resolution, boosting security efficacy in demanding conditions. With NDAA and TAA compliance, it also offers peace of mind for seamless deployment in regulated and government-funded environments.

TECHNICAL DRAWING



SPECIFICATIONS

Panel	
Panel Type	LED-Backlit TFT LCD (IPS Technology)
Panel Size	54.6"
Max. Resolution	UHD 3840 x 2160
Pixel Pitch	0.315 mm
Brightness	400 cd/m²
Contrast Ratio	1200:1
Viewing Angle (H/V)	178°/178°
Display Colour	1.07G
Response Time	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 1%), 3H
Frequency	
Frequency (H)	31 kHz-92 kHz
Frequency (V)	48 Hz-76 Hz
Signal Input	
HDMI	2.0 x 1
DVI	24-Pin DVI-D
VGA	15-Pin D-Sub x 1
Composite (CVBS)	BNC x 1
Signal Output	
Composite (CVBS)	BNC x 1
External Control	
RS232 In	9-Pin D-Sub
LAN	RJ45 x 1
Other Connectivity	
USB	2.0 x 1 (Service Port / Media Playback)
Audio	
Audio In	Stereo Audio Jack (3.5 mm)
Audio Out	Stereo Audio Jack (3.5 mm), S/PDIF
Internal Speakers	12W x 2
Power	
Power Supply	Internal
Power Requirements	AC 100-240V, 50/60 Hz
On Mode	112W (On)
On Mode (Max)	124W
Standby Mode	< 0.5W
Off Mode	0W
Glass	
Thickness	3.2 mm (0.13")
Gloss	75±10%
Haze	3 - 8%
MOHS Hardness	6
Pencil Hardness	8H
IK Rating	IK08
Durability and Protection	
IP rating	IP22 (Front)
IK rating	IK10 (Metal casing)
Operating Conditions	
Temperature	0°C-40°C (32°F-104°F)
Humidity	20%-80% (non-condensing)
Storage Conditions	
Temperature	-10°C-60°C (-4°F-140°F)
Humidity	10%-80% (non-condensing)
Mounting	
VESA FPMPMI	400 x 200 mm
Dimensions	
Product w/o Base (W x H x D)	1270.4 x 742.6 x 84.6 mm (50.0" x 29.2" x 3.3")
Packaging (W x H x D)	1420.0 x 870.0 x 220.0 mm (55.9" x 34.3" x 8.7")
Weight	
Product w/o Base	29.6 KG (65.2 lb)
Packaging	35.5 KG (78.1 lb)
Regulation Approval	
Certifications & Compliance	CE, LVD, WEEE, RoHS, REACH, BSMI
Accessories	
Supplied	HDMI Cable, Power Cord, Quick Start Guide, Remote Control (Batteries not included)
Optional Accessories	
Wall Mount	LMA-01, LMA-02, WMK-05
Video Wall Mount	VWM-01, VWM-02
Ceiling Mount (Landscape only)	CMP-01 + LMK-01, CMP-01 + LMK-02
Wall Mount (Landscape only)	LMK-01, LMK-02, LMK-03
Floor Mount (Landscape only)	FMC-06, FMC-07
Desk Mount (Landscape only)	DTS-01



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