GEEPHON



7/24 Digital Signage 700nit BNC-M Series

Geephon's BNC series smart displays feature a equal narrow bezel design, elevating aesthetics while maintaining clarity. Perfect for retail product and information displays, they adopt a higher-haze panel, reducing reflection and glare for a clear, immersive viewing experience. With vibrant colors and a slim profile, they effortlessly draw attention in any retail setting.

Versatile and widely applicable, they are ideal for supermarkets, banks, offices, malls, hotels, hospitals, and more.

BNC7523B-AA-07M



Optimal Visual Clarity

- · High-performance image processor.
- Delivers true color expression and high resolution.
- · Offers adjustable picture quality and white balance.



Enhanced Component Design

- · Lightweight design for easy handling.
- · Constructed with high-strength aluminum alloy for durability.
- · Modular components facilitate maintenance and replacement.



Seamless Wall Mounting (optional) • Geephon's special mounting brackets kit (optional) ensures

seamless and visually appealing equipment installation on walls.



Anti-reflection Anti-glare Surface • Higher haze panel

Simply insert the U disk for automatic content copying and

· Anti-reflection and anti-glare effects.

• GPlay Convenient U disk

(((▶))) • Built-in Speaker

playback on the device upon booting



Fail Over Support



CMS / Remote Management Support (optional) Cloud-based remote management (CetusMSC) and CMS platform

- (GalaxyASC) support. Real-time monitoring of display status, parameters adjustment,
- and content distribution.
- Remote control via PC and Smart phone.



Open API & SDK Support and RS232 Compatible



 Landscape/Portrait Compatible Portrait and landscape display orientations.



Fire Protection Certification



Extended Product Warranty

· Enables remote firmware and application updates.

- Engineered for long-term durability.
- Guarantees reliable 24/7 operation.

OTA Firmware Update

Designed for seamless upgrades.

Comprehensive warranty ensures customer satisfaction and confidence.

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Specification

Hardware Specification

Display Size 75 Display Size 75 Protection Glass N/A Protection Level IP 5X (Front Panel) Front Color Black Set Dimension (L*W*D) 1674.464 x 950.136 x 55.4mm Bezel Width Width(mm) 9.9mm Active Display Area(H*V) 1649.66 x 927.936mm Resolution 3840 x 2160 Type 60Hz E-LED BLU Brightness(Typ.) 700 cd/m² Contrast Ratio(Typ.) 1200:1 Haze 25% Viewing Angle(H/V) 178°(H) x 178°(V)(CR≥10) Display Colors 1.07 G Color Gamut 68% Response Time 8ms (Typ) Operation Hour 24/7 Smart Solution PTC.DT1AHE-BAB Connectivity USB2.0°2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1 Power Input Supply 100-240V AC, 50/60Hz Power Consumption 260W Speaker 8W/RQ *2 (Optional) IR External connection Touch Technology N/A		
Protection GlassN/AProtection LevelIP 5X (Front Panel)Front ColorBlackSet Dimension (L*W*D)1674.464 x 950.136 x 55.4mmBezel Width Width(mm)9.9mmActive Display Area(H*V)1649.66 x 927.936mmResolution3840 x 2160Type60Hz E-LED BLUBrightness(Typ.)700 cd/m²Contrast Ratio(Typ.)1200:1Haze25%Viewing Angle(H/V)178°(H) x 178°(V)(CR≥10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityVSB2.0*2, HDMI In*1, Ethernet(R)45)*1, RS232(R)45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Q *2 (Optional)IRExternal connectionTouch TechnologyN/AVial ImountVell ImountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Panel	IPS
Protection LevelIP SX (Front Panel)Protection LevelIP SX (Front Panel)Front ColorBlackSet Dimension (L*W*D)1674.464 x 950.136 x 55.4mmBezel Width Width(mm)9.9mmActive Display Area(H*V)1649.66 x 927.936mmResolution3840 x 2160Type60Hz E-LED BLUBrightness(Typ.)700 cd/m²Contrast Ratio(Typ.)1200:1Haze25%Viewing Angle(H/V)178°(H) x 178°(V)(CR≥10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Q *2 (Optional)IRExternal connectionTouch TechnologyN/AAnal400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Display Size	75 inch
Front ColorBlackFront ColorBlackSet Dimension (L*W*D)1674.464 x 950.136 x 55.4mmBezel Width Width(mm)9.9mmActive Display Area(H*V)1649.66 x 927.936mmResolution3840 x 2160Type60Hz E-LED BLUBrightness(Typ.)700 cd/m²Contrast Ratio(Typ.)1200:1Haze25%Viewing Angle(H/V)178°(H) x 178°(V)(CR≥10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Q *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Protection Glass	N/A
Set Dimension (L*W*D)1674.464 x 950.136 x 55.4mmBezel Width Width(mm)9.9mmActive Display Area(H*V)1649.66 x 927.936mmResolution3840 x 2160Type60Hz E-LED BLUBrightness(Typ.)700 cd/m²Contrast Ratio(Typ.)1200:1Haze25%Viewing Angle(H/V)178°(H) x 178°(V)(CR≥10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Protection Level	IP 5X (Front Panel)
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Active Display Area(H*V)1649.66 x 927.936mmResolution3840 x 2160Type60Hz E-LED BLUBrightness(Typ.)700 cd/m²Contrast Ratio(Typ.)1200:1Haze25%Viewing Angle(H/V)178°(H) x 178°(V)(CR≥10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0°2, HDMI In*1, Ethernet(R)45)*1, RS232(R)45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Set Dimension (L*W*D)	1674.464 x 950.136 x 55.4mm
Resolution 3840×2160 Type $60Hz E-LED BLU$ Brightness(Typ.) $700 cd/m^2$ Contrast Ratio(Typ.) 1200.1 Haze 25% Viewing Angle(H/V) $178^{\circ}(H) \times 178^{\circ}(V)(CR>10)$ Display Colors $1.07 G$ Color Gamut 68% Response Time $8ms (Typ)$ Operation Hour $24/7$ Smart SolutionPTC.DT1AHE-BABConnectivity $USB2.0^{*}2, HDMI In^{*}1, Ethernet(R)45)^{*}1, RS232(R)45)^{*}1, Line Out^{*}1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8\Omega^{*}2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 \times 500mmPackage(W*H*D)1797 \times 1076 \times 180mmWeight (kg)NC*-40^{\circ}C$	Bezel Width Width(mm)	9.9mm
Type 60Hz F-LED BLU Brightness(Typ.) 700 cd/m² Contrast Ratio(Typ.) 1200:1 Haze 25% Viewing Angle(H/V) 178°(H) x 178°(V)(CR≥10) Display Colors 1.07 G Color Gamut 68% Response Time 8ms (Typ) Operation Hour 24/7 Smart Solution PTC.DT1AHE-BAB Connectivity USB2.0*2, HDMI In*1, Ethernet(R)45)*1, RS232(R)45)*1, Line Out*1, Sensor*1, IR In*1 Power Input Supply 100-240V AC, 50/60Hz Power Consumption 260W Speaker 8W/8Ω *2 (Optional) IR External connection Touch Technology N/A Installation Wall mount VESA Mount 400 x 500mm Package(W*H*D) 1797 x 1076 x 180mm Weight (kg) N.W: 27kg G.W: 38kg Operating Temperature 0°C~+40°C	Active Display Area(H*V)	1649.66 x 927.936mm
PriceProduct of the priceBrightness(Typ.)700 cd/m²Contrast Ratio(Typ.)1200:1Haze25%Viewing Angle(H/V)178°(H) x 178°(V)(CR≥10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(R)45)*1, RS232(R)45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Resolution	3840 x 2160
Contrast Ratio(Typ.)1200:1Haze25%Viewing Angle(H/V)178°(H) × 178°(V)(CR>10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Q *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Туре	60Hz E-LED BLU
Haze25%Haze25%Viewing Angle(H/V)178°(H) x 178°(V)(CR>10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(R)45)*1, RS232(R)45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Q *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Brightness(Typ.)	700 cd/m ²
NucleDiskViewing Angle(H/V)178°(H) x 178°(V)(CR>10)Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Q *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Contrast Ratio(Typ.)	1200:1
Display Colors1.07 GColor Gamut68%Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Haze	25%
Color Gamut 68% Response Time 8ms (Typ) Operation Hour 24/7 Smart Solution PTC.DT1AHE-BAB Connectivity USB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1 Power Input Supply 100-240V AC, 50/60Hz Power Consumption 260W Speaker 8W/8Ω *2 (Optional) IR External connection Touch Technology N/A Installation Wall mount VESA Mount 400 x 500mm Package(W*H*D) 1797 x 1076 x 180mm Weight (kg) N.W: 27kg G.W: 38kg Operating Temperature 0°C~+40°C	Viewing Angle(H/V)	178°(H) x 178°(V)(CR≥10)
Response Time8ms (Typ)Operation Hour24/7Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(R)45)*1, RS232(R)45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Display Colors	1.07 G
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Smart SolutionPTC.DT1AHE-BABConnectivityUSB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/ACameraN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Response Time	8ms (Typ)
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ConnectivityRS232(R)45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/ACameraN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Smart Solution	PTC.DT1AHE-BAB
RS232(R)45)*1, Line Out*1, Sensor*1, IR In*1Power Input Supply100-240V AC, 50/60HzPower Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/ACameraN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Connectivity	
Power Consumption260WSpeaker8W/8Ω *2 (Optional)IRExternal connectionTouch TechnologyN/ACameraN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	,	
Speaker 8W/8Ω *2 (Optional) IR External connection Touch Technology N/A Camera N/A Installation Wall mount VESA Mount 400 x 500mm Package(W*H*D) 1797 x 1076 x 180mm Weight (kg) N.W: 27kg G.W: 38kg Operating Temperature 0°C~+40°C	1 11 /	
IRExternal connectionTouch TechnologyN/ACameraN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Power Consumption	260W
Touch TechnologyN/ACameraN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	Speaker	
CameraN/AInstallationWall mountVESA Mount400 x 500mmPackage(W*H*D)1797 x 1076 x 180mmWeight (kg)N.W: 27kg G.W: 38kgOperating Temperature0°C~+40°C	IR	External connection
Installation Wall mount VESA Mount 400 x 500mm Package(W*H*D) 1797 x 1076 x 180mm Weight (kg) N.W: 27kg G.W: 38kg Operating Temperature 0°C~+40°C	Touch Technology	N/A
VESA Mount 400 x 500mm Package(W*H*D) 1797 x 1076 x 180mm Weight (kg) N.W: 27kg G.W: 38kg Operating Temperature 0°C~+40°C	Camera	
Package(W*H*D) 1797 x 1076 x 180mm Weight (kg) N.W: 27kg G.W: 38kg Operating Temperature 0°C~+40°C		
Weight (kg) N.W: 27kg G.W: 38kg Operating Temperature 0°C~+40°C	VESA Mount	400 x 500mm
Operating Temperature 0°C~+40°C	Package(W*H*D)	1797 x 1076 x 180mm
- F - · · · · · · · · · · · · · · · · ·	Weight (kg)	N.W: 27kg G.W: 38kg
Storage Temperature -10°C~+60°C	Operating Temperature	0°C~+40°C
	Storage Temperature	-10°C~+60°C

System Specification

CPU	ARM Quad Core Cortex-A53 1.5G
GPU	ARM Mali-G52 2EE MC1
Operating System	Android 9
Cloud Advertising Distribution System	Optional
Cloud Splice System	Optional
Memory	DDR 2G
Storage	EMMC 16GB
	Ethernet (RJ45)
Ethernet	WiFi 802.11b/g/n
	4G LTE(FDD/TDD)(Optional)
Panel Image Rotation	0/90/180/270/360 Angle Rotation
Video Decoder	MPEG-1/2/4,H.264,HEVC,VP8,VP9,AVS+,AVS2.AV1
Audio Decoder	MPEG-1.MPEG-2(layerl/II),MP3,AAC-LC,HE-AAC
Picture Decoding	JPG,JPEG ,PNG ,BMP

What's in the box

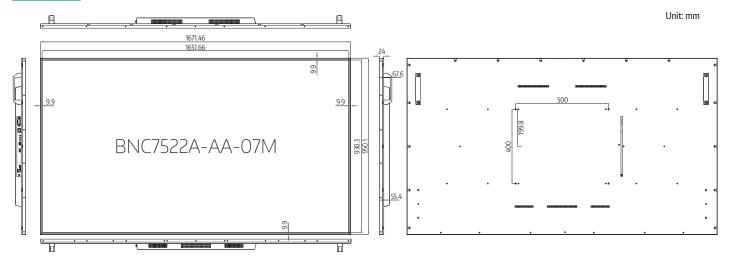
Power Cable	x1 Power cord (based on region)
Remote Controller	x1
RS232 Adaptor	x1

Warranty

Warranty

Three year or by contract

Dimensions



* Compatibility may differ by equipment.
* Software compatibility may change over time. Please contact your regional sales representative for details.

* Specifications are subject to change without notice, so please contact sales team to verify before ordering