

NETGEAR®

Security Touch Screen – STS7000

Data Sheet – Preliminary

STS7000



Security Touch Screen with performance and flexibility

The NETGEAR Security Touch Screen, STS7000, is a cost effective, open platform touch screen designed to host security and home monitoring applications.

The STS7000 is designed for superior performance with super-fast 802.11n, 2x2 WiFi and simultaneous dual-band capabilities, helping to ensure that it will be able to find and connect to the best available network in the home.

The STS7000 also comes equipped with an easy-to-use touch screen and interface. The addition of NETGEAR genie application makes it easy for end-users to manage their connected devices from their fingertips from anywhere in their home, potentially helping to reduce customer service and technical support calls.

Android 4.0.3 provides an open platform with easy software integration for app developers.

The NETGEAR Difference

- Superior WiFi Performance
- NETGEAR genie® diagnostic application
- Open platform for seamless integration of third party applications, supported by NETGEAR
- Field proven design

Benefits

Superior WiFi Performance

- Can be used anywhere in the home
- Can be used as a mobile tablet
- Video applications stream seamlessly

genie® Diagnostics

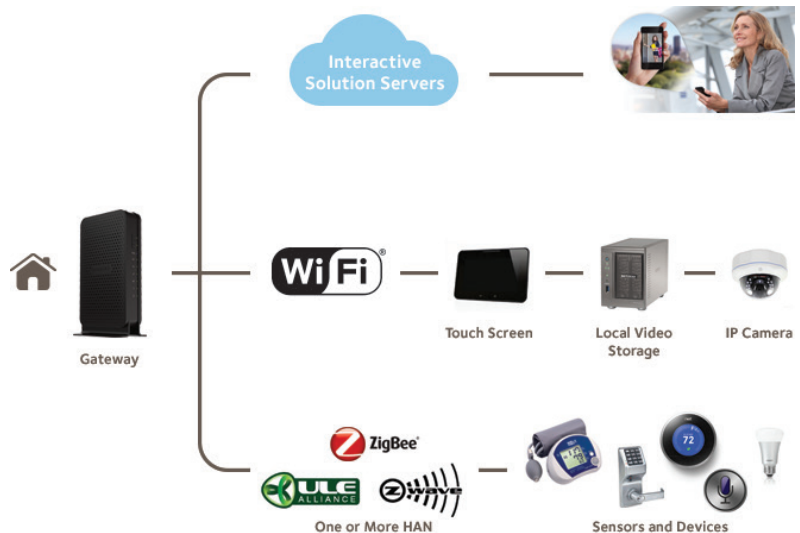
- Allows the end-user to view and manage the entire WiFi network from a single point
- View and manage home automation networks, like ZigBee® or Z-Wave®, including the ability to add and delete devices from a single screen

Open Platform

- Choose from thousands of already created Android apps
- Develop Android applications to integrate services in the home

Proven Reliability

- Designed with a failsafe mechanism to support over-the-air software upgrades
- Removable/replaceable battery for extended device life
- Robust industrial design protects the tablet



Features

- WiFi certified
- 802.11n simultaneous dual-band
- Open platform (Android 4.0.3+)
- Compatible with most home automation solutions



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Technical Specifications

Processor

- ARM Cortex A9 CPU

Memory

- 2 GB NAND
- 512MB DDR III SDRAM

WiFi

- 802.11N 2x2 Dual Band Switchable
- WPS 2.0
- Internal Antenna – Dual band 3D PIFA
- Security Protocols: WEP-64, WEP-128, WPA/WPA2 (PSK)
- P1905 Compliant

Display

- Resolution – 800x480
- 16 bit color, 2D Graphic Acceleration
- Capacitive touch screen with Gesture Support

External Interfaces

- Mini-USB (Host Mode)
- Micro SD Card

Audio

- Microphone (8kHz)
- Speaker (44.1 kHz)
- Audio Formats Supported: G.711, PCM, AMR-NB, AMR-WB, MO3, AAC, MP3, WAV, WMA, MIDI, Ogg Vorbis

Video

- RTSP streaming of VGA MPEG-4, MJPEG and H.264 at 30 frames per second
- Additional video formats supported: H.263, MPEG-2, WMV, MOV, AVI, FLV

Inputs

- Power Button
- Home Button
- Reset Button (Recessed)

Power Adapter

- Input – 120 VAC/60 Hz
- Output – 12 VDC, 1.5 Amps

Battery

- User Accessible Battery
- Rechargeable Lithium Ion
- 4000 mAH
- Removable battery certification – UL2054

Programmable Light Bar

- Programmable Tri-Color LED Status Indicator
- 2" Light Bar above touch screen.

Battery Performance

- 4 hours continual usage
- 7 days in stand-by mode
- Full recharge time 6 hours

Regulatory

- cUL 60950-1
- FCC EMI, Part 15b
- FCC Spectrum Part 15c
- Industry Canada RSS-210

Accessories

- USB to Ethernet Adapter
- Wall Mount (Future)

Compliances

- RoHS
- REACH
- WEEE
- DOCSIS® 3.0

Model Summary

- STS7000

Package Contents

- Touch Screen
- Power Adapter
- Charging Cradle
- Install Guide