
Courtroom Upgrade Specifications – Lake County

1. Project Overview

This project outlines the implementation of an advanced **OneTouch turnkey system** designed for ease of use and standardization across all courtrooms.

The OneTouch Windows-based control system will serve as the core platform, integrating **video conferencing, recording, evidence capture, and assisted hearing** functions.

The project includes:

- Upgrades for one main courtroom
- Integration with Panopto recording services
- Video arraignment functionality via FrameVR Flat Video Conferencing
- Jail location integration using existing hardware where possible

Note: Vendor must be a certified reseller for the **Panopto Platform**.

2. Main Courtroom Specifications

2.1 Display System

- (2) Existing 75-inch displays, integrated into the new system
- (1) 24-inch Touch Screen Controller (OneTouch Controller) on the Judge's Bench
 - OneTouch Direct Connect
 - Video conferencing & recording integration

2.2 Audio System

- Audio reinforcement: (4) powered premium speakers
- Integration with existing assisted hearing system
- Zone microphone for streaming & broadcasting (backup system)
- (5) Wireless gooseneck microphones with receiver
- Dual wall-mounted speakers with amplifier
- Connection to assisted hearing system

2.3 Camera System

- (1) Tracking camera at front-right, positioned to capture judge & attorney

- (1) 360° tracking camera at front-center to track speakers

2.4 Wireless Presentation

- (2) Wireless adapters for presentations
 - Support for 32 remote devices (AirPlay, Windows, Android, Linux)
-

3. Jail Location Specifications

- (1) Existing 55-inch display
 - Soundbar 4K camera (reuse if possible)
 - Windows-based OneTouch System
 - One-button instant connect & auto-launch for video calls
 - Keyboard and OneTouch PC Cube
 - FrameVR integration
-

4. Detailed Courtroom Upgrade Specifications

4.1 Display

- Send video & audio to existing displays
- (1) 24-inch Touch Screen Controller (OneTouch)

4.2 Audio

- Audio reinforcement: (2) powered premium QNEX speakers
- Integration with existing assisted hearing system (16 wireless receivers)
- (3) 323link AM3 zone microphones (35 ft. pickup range), wired to mixer
- (5) Wireless gooseneck microphones with receiver
- Dual wall-mounted speakers with amplifier
- Additional (8) rechargeable batteries for QNEX system

4.3 Camera

- (1) CRAV 4K PTZ Tracking Camera (front-right)
- (1) TOTEM 360° Immersive Tracking Camera (front-center)

4.4 Wireless Presentation

- iQShare Wireless Presentation System
- (2) Wireless USB-C presentation buttons
- Supports up to 32 remote devices

5. 360° Tracking Camera Requirements

- Tracks judge & attorneys
 - USB connectivity with physical mode-change buttons
 - Layout control button for courtroom configurations
-

6. OneTouch System Requirements

- OneTouch Core Controller with Windows 11 Pro
 - Supports: video arraignment, recording, evidence capture, assisted hearing
 - One-button instant launch to jail via any video platform
 - Remote system access via laptop or other devices
 - Video call auto-launch with Office & Google integration
 - (3) Independent HDMI outputs with automation
 - (8) USB inputs
 - Up to 16-channel audio output
 - All required court applications pre-installed
-

7. Support & Warranty

- One year full coverage: hardware, software, remote & on-site support
 - All software updates included for first year
 - Shipping included in final price
-

8. Itemized Equipment List

Main Courtroom

Item	Model	Description	Qty
23" Touch Screen OneTouch	323-OT-23-DL-01	23-24" Touch Screen	1
OneTouch Presentation System	323-OT-CORE-NV-MIC- NDISP-NTS-01-DC	Core, Speaker, Microphone, WallBox/Rack	1
BYOD Wireless Collaboration	323-iQ-BYOM-01-WP40	iQShare with 2 Dongles	1

Item	Model	Description	Qty
TOTEM 360 Camera	323-TOTEM-360	Immersive Camera + Speakerphone	1
USB Mic Preamp	USB-DUAL-PRE-PROJECT	2-Channel USB Microphone Preamp	1
Microphone AMIII	323-Voice AMIII	Zone Microphone	2
Soundbar w/ Mount	323-TSU-010SB-JB-01	Wall-Mounted	1
Wall Speakers	323-PS610	60W, Wall-Mounted	1
Wireless Mic Transmitters	323-QDG-U100T1	Unidirectional Condenser	5
Wireless Conference System	323-QDG1100	Complete System	1
Cable Kits	323-CK-02	Various	15
Installation & Programming	—	Labor	

Jail Location

Item	Model	Description	Qty
OneTouch Jail System	323-2025-RMS-23	Complete System	1
Installation & Programming	—	Labor	

Panopto Services

Item	Model	Description	Qty
Panopto Services	323-PAN-TN-01	12-Month TN Contract Pricing	1