The interactive 55-inch 3M™ Multi-Touch Display C5567PW features 3M’s high-performance projected capacitive (3M PCT) multi-touch technology and sophisticated bezel-free display design to offer users a truly uncompromised touch experience. The C5567PW chassis display delivers 60 simultaneous touches over 1,200 square inches of interactive surface area, at an ultra-fast 10 ms response time, to enable designers to create multi-user experiences that are more natural, intuitive and responsive when compared to infrared- and optical-based systems. Versatile enough for interactive digital signage, interactive tables and kiosk solutions, the C5567PW provides system architects with a high-performance, easy-to-integrate commercial display for innovative multi-touch solutions.

Precision Large-format Multi-Touch

In addition to delivering 60 simultaneous touches at a 10 ms response time, the 3M touch electronics have an advanced built-in palm rejection algorithm to ensure that unintended contact with the screen is ignored and does not interfere with the user’s intended action. The design of the projected capacitive sensor has more than 18,600 touch sensing points in close proximity, making it precise and extremely accurate across the entire touchscreen. The durable 4mm tempered glass touch surface provides an antiglare first surface to ensure excellent image clarity in environments with bright ambient light. Its anti-stiction properties provide excellent finger glide capability, allowing users’ fingers to effortlessly glide across the display for easy gesture functions. This fast, accurate and easy to use multi-touch screen enables customers to create, deliver and experience innovative and engaging multi-user applications.

Industrial Grade Designed for Multi-Touch Interaction

The C5567PW display has been designed from the ground up to meet the unique requirements of a large format multi-touch display. The all steel construction and durable glass surface is designed to stand up to unattended public installations. Unlike televisions or digital signs, an interactive multi-touch display draws users in close proximity to the LCD. To maintain sharp image quality at close distances the C5567PW display features a full 1080p HD LCD, wide viewing angles and fine pixel pitch of .21 x .63mm. An advanced thermal management system with replaceable 3M air filters ensures the touch surface is maintained at a comfortable temperature for the user, even in a horizontal table implementation, and promotes “always on” performance of critical electronic components. The glass-to-the-edge bezel-free design mirrors the design trends popular on modern consumer devices and makes it an elegant addition to any commercial or professional environment.

Every element of the C5567PW is designed to enable integrators to configure the display in almost any orientation while meeting the demanding needs of public environments. The LED backlight system allows integrators to implement in landscape, portrait or horizontal orientations without concern of non-uniformity that CCFL systems can exhibit. At just 2.9” deep the C5567PW can be a sleek wall mounted interactive digital sign or a slim interactive table or kiosk.

**Recommended Multi-Touch Applications**

- Interactive Digital Signage
- Retail Product Selectors
- Transportation
- Ticketing/Vending
- Wayfinding
- Point of Information
- Command and Control
- Geospatial
- Pro Audio/Visual
- Training and Simulation
- Broadcast

**Feature**

<table>
<thead>
<tr>
<th>3M PCT Multi-Touch Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 finger multi-touch input enables intuitive on-screen collaboration</td>
</tr>
<tr>
<td>Fast &lt;10 millisecond touch response creates a natural, intuitive and responsive interface</td>
</tr>
<tr>
<td>Advanced palm rejection algorithms help prevent unintended touches that commonly occur in table applications</td>
</tr>
<tr>
<td>Anti-stiction surface enhances the user experience for simple and advanced gestures</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophisticated and Durable Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat front surface design built in for elegant modern aesthetics</td>
</tr>
<tr>
<td>Slim 2.9” thickness provides sleek low profile appearance while enabling easy integration on wall, table or enclosure</td>
</tr>
<tr>
<td>All metal construction provides rugged frame for public use environments</td>
</tr>
<tr>
<td>Advanced thermal management system designed to keep display cool to the touch in tabletop and enclosure installations</td>
</tr>
<tr>
<td>Active cooling system with replaceable 3M air filters ensures a cool touching surface regardless of orientation and all but eliminates dust from entering the display</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Premium Display for Multi-Touch Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-glare coating to maintain image quality under harsh ambient lighting</td>
</tr>
<tr>
<td>Full HD resolution (1920x1080) with a fine pixel pitch to maintain sharp image quality while performing up-close interactions</td>
</tr>
<tr>
<td>Ultra-Wide viewing angle presents a brilliant image at most angles</td>
</tr>
<tr>
<td>LED Backlights present a long lasting, bright, uniform image regardless of integrated orientation</td>
</tr>
<tr>
<td>Support for remote display controls through RS-323 ports</td>
</tr>
<tr>
<td>Supports many leading active pens and conductive styli</td>
</tr>
</tbody>
</table>
3M™ Multi-Touch Display C5567PW Specifications

Functional Specifications

Display Details

- **LCD Technology**: AMVA3
- **Display Colors**: 1.07 billion
- **Pixel Pitch**: 0.21 x 0.63mm
- **Brightness with touch sensor (max.) (1)**: 700 cd/m² (nit) typical
- **Contrast Ratio (2)**: 4000:1 typical
- **Viewing Angle**: Horizontal/Vertical: 178 degrees typical
- **Video Response Time (3)**: 6.5 ms typical
- **Refresh Rate**: 60Hz
- **Control Type**: OSD
- **Native Resolution**: 1920 x 1080

Touch Details

- **Number of Touch Points**: 60 points with palm rejection
- **Touch Point Speed (4)**: <10 ms
- **Input Type**: Finger, think glove, many leading active pens and conductive stylus
- **Touch Communication**: USB
- **Operating System Support**: Windows 8 / 7 / Vista / XP, Linux, Mac

Physical Specifications

Product Details

- **Operating Environment**: 0 to +40 degrees C, relative humidity, non-condensing 85%
- **Storage Environment**: -10 to +60 degrees C
- **Video Input**: DVI, VGA, HDMI, DP (HDCP)
- **Audio**: Speaker: 5W + 5W @ 8Ω Headphone: 20mW + 20mW @ 32Ω
- **Cover Glass**: 4mm Heat Tempered
- **VESA Pattern**: 400mm x 400mm
- **Power Supply**: Internal 110/220 VAC Power Supply
- **Power Consumption**: 150 watt (maximum)
- **RoHS Compliant**: Yes
- **Agency Approvals**: FCC-B, CE, cTUVus (IEC 60950), C-Tick
- **Warranty**: 1 year

Dimensions and Weight

- **Display Area (WxH)**: 1209.6 x 680.4mm (viewing area)
  47.6 x 26.8 inches
- **Display Dimensions (outer)**: 1280 x 750 x 73.5mm
  50.4 x 29.5 x 2.9 inches
- **Packaging (WxHxD)**: 1472 x 896 x 256mm
  57.9 x 35.3 x 10.1 inches
- **Display weight**: 39kg / 85.98 lbs
- **Packaging/Display weight**: 46kg / 101.5 lbs

Accessories

- **Included in the Box**: Video Cables: VGA, HDMI, DisplayPort, DVI, USB, RS232 Cable, US Power Cable, Audio Cable, USB, Touch CD, Quick Start Guide
- **Sold Separately**: Wired OSD Controller (98-1100-0330-2), Replacement Air Filters 3M Replacement Filters (98-1100-0230-4)

Ordering Information

- **Part Number**: 98-1100-0531-5

---

**Connections**

- Power (touch)
- USB
- OSD
- In
- Out RS-232
- DP
- HDMI
- DVI
- VGA
- Out
- Audio

---

**3M Touch Systems**

Subsidiary of 3M Company
501 Griffin Brook Park Drive
Methuen, MA 01844 U.S.A.
1-888-659-1080
www.3M.com/touch

RoHS Directive compliant: RoHS 2011/65/EU means that the product or part does not contain any of the substances in excess of the maximum concentration values ("MCVs") in EU RoHS Directive 2011/65/EU, unless the substance is in an application that is exempt under EU RoHS. The MCVs are by weight in homogeneous materials. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M. (3/13)

IMPORTANT NOTICE TO PURCHASER: Specifications are subject to change without notice. These 3M Touch Systems' Products and software are warranted to meet their published specifications from the date of shipment and one year from the time of purchase. 3M Touch Systems makes no additional warranties, express or implied, including but not limited to any implied warranties of merchant-ability or fitness for a particular purpose. User is responsible for determining whether the 3M Touch Systems Products and software are fit for User's particular purpose and suitable for its method of production, including intellectual property liability for User's application. If the Product, software or software media is proven not to have met 3M Touch Systems' warranty, then 3M Touch Systems' sole obligation and User's and Purchaser's exclusive remedy will be, at 3M Touch Systems' option, to repair or replace that Product quantity or software media or to refund its purchase price. 3M Touch Systems has no obligation under 3M Touch Systems' warranty for any Product, software or software media that has been modified or damaged through misuse, accident, neglect, or subse-quent manufacturing operations or assemblies by anyone other than 3M Touch Systems. 3M Touch Systems shall not be liable in any action against it in any way related to the Products or software for any loss or damages, whether non-specified direct, indirect, special, incidental or consequential (including downtime, loss of profits or goodwill) regardless of the legal theory asserted. (7/02)

© 3M 2015 All Rights Reserved. 3M is a trademark of 3M Company.