



Hover Touch Display Solutions

Densitron’s new Hover Touch display solution is based on tested infrared (IR) touch technology. The difference between traditional IR touch and Hover touch is the positioning of the infrared emitters and detectors. Hover touch can recognise touch operation in the range of 5~25mm distance from the glass surface without touching it.

Applications where this innovative form factor is most suitable include food ordering, ATM, POS, car parking payment, information, and self check-in systems.

The displays come in various sizes from minimum 10.1” up to 55”. All of the displays can be fully customised to suit your own requirements.

Product Features

- Sizes: 10.1”~55”
- Light transmittance: 100%
- Supports up to 6-point Multi-touch function
- Response time: 5~25ms
- External EMI: Strong resistance
- Safety: Hygienic stability, prevent from contamination of touch screen
- Innovation: easy use with accurate and fast touch operation, combined with visual, sound and light haptic functions
- Flexibility: customisable for IR array and Haptics
- Minimum 20x20mm icon touch point can support from 10.1” up to 55” display panel and monitors.
- Position Accuracy: typical centroid accuracy, 2mm
- Input method: finger, gloved hand, and any other stylus
- ST micro chipset-based firmware



Size	Part Number
10.1”	DMT101H4HLNT0-1B-Hover
12.1”	DET121XGNLNT0M-1A-Hover
15.0”	DET150XGNLNT0M-2A-Hover
16.9”	DM-169GN-MPGR01-Hover

Size	Product	Resolution	Viewing Angle	Brightness
10.1	Hover touch+ Display	1280x800	80/80/80/80	1000cd/m2
12.1	Hover touch+ Display	1024x768	80/80/80/80	600~800cd/m2
15”	Hover touch+ Display	1024x768	80/80/80/80	800~1000cd/m2
16.9” 4U	Hover touch+ Display	1920x624	85/85/85/85	700cd/m2

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