65'' Interactive LCD Touchscreen with integrated annotation software
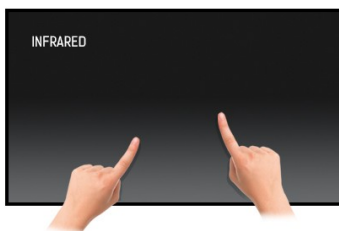
The TE6568MIS-B1AG is a great display for educational and corporate use.

Its 65'' infrared 20-point touchscreen with integrated interactive Note writing software allows users to make annotations on files opened directly from a USB device or internal memory. The display also supports playback of presentations, high-resolution video and almost any other type of content stored on a USB device or internal memory.

The high-quality commercial IPS LCD screen with a 4K USD resolution (3840 x 2160 - 8.3 megapixel) and a contrast ratio of 1200:1 guarantees stunning images with superb image quality from anywhere in the class or meeting room. The anti-glare coating drastically reduces ambient reflection in high brightness environments without compromising the sharpness and clarity of the image.

The screen has a 24/7 non-stop operating time and is equipped with 4 mm thick glass to ensure a long durability in high-use environments such as class rooms or meeting rooms.

Unlike interactive whiteboards, there are no shadows or reductions in image performance to contend with.

TOUCH TECHNOLOGY - INFRARED

The infrared technology uses infrared backlight. A touch event is registered with great accuracy when the infrared light is blocked by finger or stylus. This technology does not rely on an overlay or substrate, so it is impossible to physically "wear out" the touchscreen. Moreover the display characteristics remain virtually unaffected by the touch functionality.

4K

UHD resolution (3840x2160), better known as 4K, offers a gigantic viewable area with 4 times more information and work space than a Full HD screen. Due to the high DPI (dots per inch), it displays an incredibly sharp and crisp image.

1. DISPLAY CHARACTERISTICS

DIAGONAL	64.5"; 164cm
ASPECT RATIO	16 : 9
PANEL	IPS Direct LED, AG coated glass
NATIVE RESOLUTION	4K UHD 3840 x 2160 (8.3 megapixel)
BRIGHTNESS	350 cd/m² typical
BRIGHTNESS	310 cd/m² with touch panel
CONTRAST	1200 : 1 typical
RESPONSE TIME	8 ms
VIEWING ZONE	horizontal/vertical: 178°/ 178°; right/left: 88°/ 88°; up/down: 88°/ 88°
TOUCHTECHNOLOGY	infrared, multi touch (20 compatible touch points - HID, only with supported OS) activated by finger or pen, no pressure required to generate touch
TOUCH POINTS	20
GLASS THICKNESS	4 mm
RESOLUTIONS	VGA (max. 1920 x1080), HDMI v1.3 (max. 3840x2160 @30Hz), HDMI v2.0 (max. 3840 x 2160 @60Hz), DP (max. 3840 x 2160 @30Hz)
DISPLAY GREYSCALE	10bit, 1.07B
SOURCE OF LIGHT	24 hours/day
ANTI-GLARE COATING	yes

2. INTERFACES CONNECTORS

ANALOG INPUT CONNECTOR	1xVGA
DIGITAL INPUT CONNECTOR	1x HDMI (2.0), 2x HDMI (1.4a), DisplayPort
HDCP	yes;
VIDEO IN	1x VGA, Comp (RCA)
VIDEO OUT	HDMI (max.1920x1080 60hz)
AUDIO IN	MiniJack
AUDIO OUT	S/PDIF (Optical), MiniJack, speakers x2
CONTROLS	2x USB Touch IN (HDMI 1 & 2 / HDMI 3 & DP & VGA), RS232C, RJ45 (LAN for Android)
USB MEDIA PLAYER	yes
INPUTS	LAN for Android , USB 2.0 & USB 3.0 (media playback / peripherals / storage)

3. SPECIAL FEATURES

PLUG & PLAY	VESA DDC2B™
CONTROLS	On-Screen-Display in 8 languages (EN, FR, NL, DE, PL, RU, CZ. IT) controlled by side controls or a remote control
SPEAKERS	2 x 12 W (Stereo)
SAFETY	CE, CB, TÜV-Bauart, EAC, ErP, WEEE

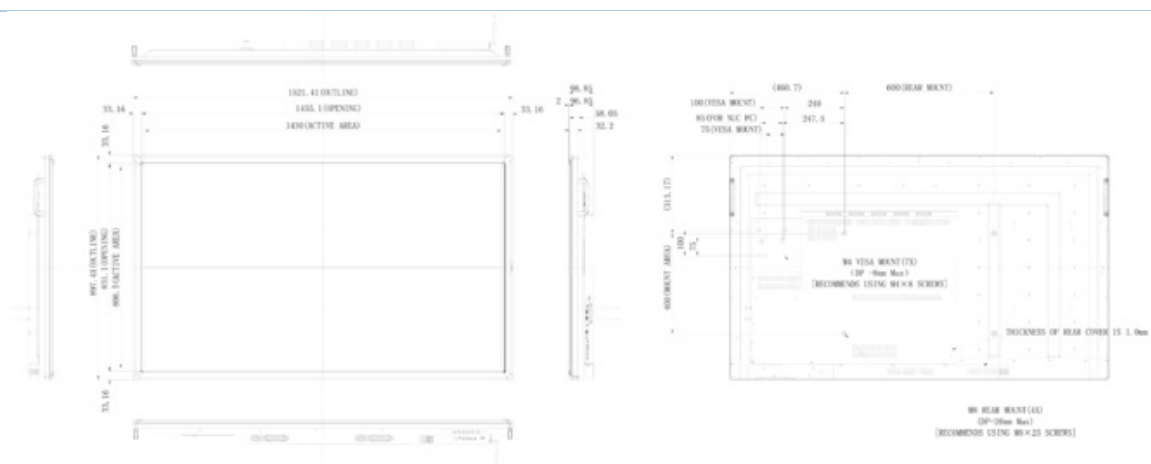| EXTRA FUNCTIONS	integrated, interactive annotation tools and applications to browse the Internet, show documents, presentations, video, etc.
VESA MOUNTING	600 x 400 mm
COLOUR	Black
EXTERNAL CONTROLS	remote control
TELETEXT	landscape
FANLESS DESIGN	yes
METAL BEZEL	yes
NOTE APPLICATION	yes

4. ACCESSORIES

DRIVER	multi-touch: Windows® 7/8/10, single-touch: XP, Vista, Linux, Mac OSX, Android, Wince
INCLUDED ACCESSORIES	Power cable, VGA cable, HDMI cable, Displayport cable, USB cable, remote control, 2x battery, 3x touch pen, quick start, safety guide
OPTIONAL ACCESSORIES	WiFi module (OWM001), Wall mount MD 052B2000 (landscape)

5. POWER MANAGEMENT

POWER SUPPLY	AC 100 - 240 V, 50 / 60 Hz
POWER SUPPLY UNIT	internal
POWER MANAGEMENT	VESA DPMS

6. DIMENSIONS & WEIGHT

DIMENSIONS W X H X D	1521.41 x 897.41 x 98.85 mm
WEIGHT	45 kg