iiyama

iiyama TE9812MIS-B3AG Signage Display Kiosk design 2.49 m (98") LCD Wi-Fi 400 cd/m² 4K Ultra HD Black Touchscreen Built-in processor Android 11 24/7

Brand : iiyama
Product code: TE9812MIS-B3AG
Product name : TE9812MIS-B3AG

98", IPS, 3840 x 2160, 16:9, 400 cd/m², 4000:1, PureTouch-IR, VGA, HDMI x4, USB-C, Mini jack x1, RS-232c x1, RJ45 x3, IR x1, S/PDIFl USB x5, WiFi, 7H, 2244.5 x 1323 x 92mm, 98.5kg
iiyama TE9812MIS-B3AG. Product design: Kiosk design. Display diagonal: 2.49 m (98"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 400 cd/m², HD type: 4K Ultra HD, Touchscreen. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Android 11. Product colour: Black

Display

Panel type	IPS
Display diagonal *	2.49 m (98")
Display technology *	LCD
Display resolution *	3840 x 2160 pixels
Display brightness *	400 cd/m²
HD type *	4K Ultra HD
Touchscreen *	✓
Touchscreen technology	PureTouch-IR
Number of simultaneous touchpoints	40
Native aspect ratio	16:9
Response time	8 ms
Contrast ratio (typical)	1200:1
Contrast ratio (dynamic)	4000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours	1.07 billion colours
Pixel pitch	0.562 x 0.562 mm
Active display area (W x H)	2158.8 x 1214.4 mm
Display diagonal (metric)	247.7 cm
Horizontal scan range	30 - 135 kHz
Surface hardness	7H
Glass thickness	3 mm
Glass film	AG/AR Film

Ports & interfaces

HDMI ports quantity *	4
HDMI version	2.0
HDMI input ports quantity	3
HDMI output ports quantity	1
DVI port *	✗
VGA (D-Sub) input ports	1
USB port *	✓
USB ports quantity	5
USB version	3.2 Gen 1 (3.1 Gen 1)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	3
Ethernet LAN *	✓
Ethernet LAN (RJ-45) ports	2
Wi-Fi *	✓

Design

Product colour *	Black
VESA mounting *	✓
Panel mounting interface	800 x 600 mm
Bezel width (bottom)	3.1 cm
Bezel width (side)	1.65 cm
Bezel width (top)	1.65 cm

Performance

Purpose *	Commercial
On Screen Display (OSD)	✓
On Screen Display (OSD) languages	Czech, Danish, German, English, Spanish, Finnish, French, Italian, Polish, Russian, Slovenian
Operating hours (hours/days)	24/7
HDCP	✓
HDCP version	2.2
Mean time between failures (MTBF)	50000 h

Power

Power consumption (typical) *	233 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Computer system

Built-in processor *	✓
Processor manufacturer	ARM
Processor family	ARM Cortex
Processor model	A55
Processor architecture	ARM Cortex-A55
Processor cores	4
Internal memory	8 GB
On-board graphics card model	ARM Mali-G52
Internal storage capacity	32 GB
Operating system installed	Android 11

Weight & dimensions

Width (with stand)	2244.5 mm
Depth (with stand)	92 mm
Height (with stand)	1323 mm
Weight (with stand)	98.5 kg

Ports & interfaces

Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
RS-232 interface	✔
RS-232C	✔
Remote (IR) input	1
Audio Return Channel (ARC)	✔

Audio

Built-in speaker(s) *	✔
Number of built-in speakers	2
RMS rated power	32 W

Design

Product design *	Kiosk design
Placement supported *	Indoor
Orientation	Horizontal

Packaging data

Package width	2406 mm
Package depth	280 mm
Package height	1474 mm
Package volume	128100 cm³

Packaging content

Remote control included	✔
Batteries included	✔
Cables included	HDMI, Power, USB
Wi-Fi module included	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	-20 - 60%

Certificates

Certification	CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, EPA 8.0

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