VISSONIC

15.6" /17.3" /21.5" Ultra-thin retractable screen product datasheet



VISSONIC ELECTRONICS LTD.





VIS-15/17/21LSSC (15.6" /17.3" /21.5"Height-Adjustable Touch Screen)

Overview

This product uses advanced intelligent technology to achieve HD touch display, intelligent lifting, automatic elevation, intelligent control, and a compact and beautiful aluminum structure of integrated design. It provides functions such as automation, theft prevention, dust prevention, and desktop beautification. It can be widely applied in various scenarios including conferences, command centers, offices, hotels, teaching, and studios.

Features

• 15.6" /17.3"/21.5" height-adjustable display, IPS full view, screen ratio of 16:9, resolution of 1080p, dustproof and fingerprint-proof 10-point capacitive touch screen, sensitivity(≤ 2 oz), touch response time (≤ 3 ms).

• Integrated design of the display screen and touchscreen, the display glass features a curved edge design and ultra narrow black border (\leq 5 mm), Excellent color reproduction, no graying or detachment issues.

• Display screen integrated with lift mechanism, using ultra-narrow, ultra-thin finely sandblasted anodized panel. The panel thickness is only 3mm, with a width of just 70mm, minimizing desktop space while maintaining aesthetics.

• The device is designed with a low-voltage 12VDC circuit, free from internal 220VAC AC switch power. It utilizes external 12VDC power, eliminating the risk of leakage and ensuring safety and reliability.

• Panel buttons control five mechanical actions: raise, lower, stop, forward, and backward. The display automatically tiltsup 15° after raising.

• Intelligent lift with automatic power on when raising, energy- saving auto power-off when lowering for safety.

• Integrated panel with power switch and retractable metalUSB for secure connectivity, avoiding dust cover detachment. Allows file reading from a USB drive, local browsing, or server upload.

• Anti-obstacle and anti-pinch function. If obstacles block orfall into the device, it stops operation within a set time to prevent damage.

• The lift display supports HDMI and VGA signals simultaneously. It auto-recognizes a single signal and manually switches for dual signals. Enters power-saving mode with no signal.

• Panel button control and unified RF remote control are supported. The RS485 hand-in-hand structure is used to control the lifter movement state, such as upward, stop, and downward.



VIS-15/17/21 LDSC (15.6" /17.3"/21.5" Height-Adjustable Touch Screen with Rear Screen)

Overview

This product uses advanced intelligent technology to achieve HD touch display, intelligent lifting, automatic elevation, intelligent control, and a compact and beautiful aluminum structure of integrated design. It provides functions such as automation, theft prevention, dust prevention, and desktop beautification. It can be widely applied in various scenarios including conferences, command centers, offices, hotels, teaching, and studios.

Features

• 15.6" /17.3"/21.5"height-adjustable display, IPS full view, screen ratio of 16:9, resolution of 1080p, dustproof and fingerprint-proof 10-point capacitive touch screen, sensitivity (≤ 2 oz), touch response time (≤ 3 ms).

• Integrated design of the display screen and touchscreen, the display glass features a curved edge design and ultra narrow black border (≤ 5 mm), Excellent color reproduction, no graying or detachment issues.

• 10.1-inch rear display screen, utilizing IPS full-view technology, capable of showing attendee information such as name, position, and organization. It supports centralized backend modifications for displayed content, background color, custom background images, and font color.

• Display screen integrated with lift mechanism, using ultra- narrow, ultra-thin finely sandblasted anodized panel. The panel thickness is only 3mm, with a width of just 70mm, minimizing desktop space while maintaining aesthetics.

• The device is designed with a low-voltage 12VDC circuit, free from internal 220VAC AC switch power. It utilizes external 12VDC power, eliminating the risk of leakage and ensuring safety and reliability.

• Panel buttons control five mechanical actions: raise, lower, stop, forward, and backward. The display automatically tilts up 15° after raising.

• Intelligent lift with automatic power on when raising, energy saving auto power-off when lowering for safety.

Integrated panel with power switch and retractable metal USB for secure connectivity, avoiding dust cover detachment. Allows file reading from a USB drive, local browsing, or server upload.

• Anti-obstacle and anti-pinch function. If obstacles block or fall into the device, it stops operation within a set time to prevent damage.

• The lift display supports HDMI and VGA signals simultaneously. It auto-recognizes a single signal and manually switches for dual signals. Enters power-saving mode with no signal.

• Panel button control and unified RF remote control are supported. The RS485 hand-in-hand structure is used to control the lifter movement state, such as upward, stop, and downward.



VIS-15/17/21LSSCM (15.6" /17.3"/21.5" Height-Adjustable Touch Screen with Lifting MIC)

Overview

This product uses advanced intelligent technology to achieve HD touch display, intelligent lifting, automatic elevation, intelligent control, and a compact and beautiful aluminum structure of integrated design. It provides functions such as automation, theft prevention, dust prevention, and desktop beautification. It can be widely applied in various scenarios including conferences, command centers, offices, hotels, teaching, and studios.

Features

• 15.6" /17.3"/21.5"height-adjustable display, IPS full view, screen ratio of 16:9, resolution of 1080p, dustproof and fingerprint-proof 10-point capacitive touch screen, sensitivity (≤ 2 oz), touch response time (≤ 3 ms).

• Integrated design of the display screen and touchscreen, the display glass features a curved edge design and ultra narrow black border (≤ 5 mm), Excellent color reproduction, no graying or detachment issues.

• Display screen integrated with lift mechanism, using ultra- narrow, ultra-thin finely sandblasted anodized panel. The panel thickness is only 3mm, with a width of just 70mm, minimizing desktop space while maintaining aesthetics.

• The device is designed with a low-voltage 12VDC circuit, free from internal 220VAC AC switch power. It utilizes external 12VDC power, eliminating the risk of leakage and ensuring safety and reliability.

• Panel buttons control five mechanical actions: raise, lower, stop, forward, and backward. The display automatically tilts up 15° after raising.

• Intelligent lift with automatic power on when raising, energy saving auto power-off when lowering for safety.

• Integrated panel with power switch and retractable metal USB for secure connectivity, avoiding dust cover

• detachment. Allows file reading from a USB drive, local browsing, or server upload.

• Anti-obstacle and anti-pinch function. If obstacles block or fall into the device, it stops operation within a set time to prevent damage.

• The lift display supports HDMI and VGA signals simultaneously. It auto-recognizes a single signal and manually switches for dual signals. Enters power-saving mode with no signal.

• Panel button control and unified RF remote control are supported. The RS485 hand-in-hand structure is used to control the lifter movement state, such as upward, stop, and downward.

• Equipped with a separate lift for the microphone, featuring independent buttons for both raising and lowering.

• Built-in conference speaking unit, chairman unit with priority and speech buttons, utilizing standard CAT5e as the connecting cable, RJ45 connector, supporting independent adjustment of unit microphone sensitivity and 8-stage equalizer EQ.

• Equipped with 2 3.5mm speaker output ports, 1 RJ11 voting function module expansion port, 2 RJ45 cascade interfaces. It can expand embedded conference voting, interpretation, and speaker amplification modules.

• High-fidelity audio quality, lossless audio transmission technology, 48K audio sampling frequency, 20Hz~20KHz response frequency.

• Built-in microphone unit with hot-plug and auto-recovery functionality.

• Supports voice control mode, intelligently opens the microphone and sets the closing time. Adjustable voice sensitivity with customizable automatic shutdown time for inactive microphones, up to a maximum of 140 seconds. Settings can be configured through the conference host front panel menu or PC software.



VIS-15/17/21 LDSCM (15.6"/17.3"/21.5" Height-Adjustable Touch Screen with Rear Screen)

Overview

This product uses advanced intelligent technology to achieve HD touch display, intelligent lifting, automatic elevation, intelligent control, and a compact and beautiful aluminum structure of integrated design. It provides functions such as automation, theft prevention, dust prevention, and desktop beautification. It can be widely applied in various scenarios including conferences, command centers, offices, hotels, teaching, and studios.

Features

• 15.6" /17.3"/21.5"height-adjustable display, IPS full view, screen ratio of 16:9, resolution of 1080p, dustproof and fingerprint-proof 10-point capacitive touch screen, sensitivity (≤ 2 oz), touch response time (≤ 3 ms).

• Integrated design of the display screen and touchscreen, the display glass features a curved edge design and ultra narrow black border (≤ 5 mm), Excellent color reproduction, no graying or detachment issues.

• 10.1-inch rear display screen, utilizing IPS full-view technology, capable of showing attendee information such as name, position, and organization. It supports centralized backend modifications for displayed content, background color, custom background images, and font color.

• Display screen integrated with lift mechanism, using ultra- narrow, ultra-thin finely sandblasted anodized panel. The panel thickness is only 3mm, with a width of just 70mm, minimizing desktop space while maintaining aesthetics.

• The device is designed with a low-voltage 12VDC circuit, free from internal 220VAC AC switch power. It utilizes external 12VDC power, eliminating the risk of leakage and ensuring safety and reliability.

• Panel buttons control five mechanical actions: raise, lower, stop, forward, and backward. The display automatically tilts up 15° after raising.

• Intelligent lift with automatic power on when raising, energy saving auto power-off when lowering for safety.

• Integrated panel with power switch and retractable metal USB for secure connectivity, avoiding dust cover

• detachment. Allows file reading from a USB drive, local browsing, or server upload.

• Anti-obstacle and anti-pinch function. If obstacles block or fall into the device, it stops operation within a set time to prevent damage.

• The lift display supports HDMI and VGA signals simultaneously. It auto-recognizes a single signal and manually switches for dual signals. Enters power-saving mode with no signal.

• Panel button control and unified RF remote control are supported. The RS485 hand-in-hand structure is used to control the lifter movement state, such as upward, stop, and downward.

• Equipped with a separate lift for the microphone, featuring independent buttons for both raising and lowering.

• Built-in conference speaking unit, chairman unit with priority and speech buttons, utilizing standard CAT5e as the connecting cable, RJ45 connector, supporting independent adjustment of unit microphone sensitivity and 8-stage equalizer EQ.

• Equipped with 2 3.5mm speaker output ports, 1 RJ11 voting function module expansion port, 2 RJ45 cascade interfaces. It can expand embedded conference voting, interpretation, and speaker amplification modules.

• High-fidelity audio quality, lossless audio transmission technology, 48K audio sampling frequency, 20Hz~20KHz response frequency.

• Built-in microphone unit with hot-plug and auto-recovery functionality.

• Supports voice control mode, intelligently opens the microphone and sets the closing time. Adjustable voice sensitivity with customizable automatic shutdown time for inactive microphones, up to a maximum of 140 seconds. Settings can be configured through the conference host front panel menu or PC software.

Specification

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Interfaces:DC12V power input/output *2, USB-B touch input *1, USB-A PC power switch *1, screen video input interfaces HDMI *1, VGA *1; Control interfaces:RJ45 *2 (RS-485/RS232 protocols supported)Environment conditionsMotorLifting motor:18 W, 5R/MIN, angle motor:14 W, 5R/MINMax Power60W/96WPower supply220 V AC, frequency of 50/60 HzProduct dimensions422x70x553mm/458x70x553mm/560x mm70x603mmPanel size412x58x550mm/448x58x550mm/550 x58x660mm545x58x680mm/545x58x680mm/665x 60x720mmChassis hole size414x60mm/450x60mm/550x60mm545x760mm/667x62mm	Lift control	RF remote control within 30 m, manual control, RS232/485				
Chassispower switch *1, screen video input interfaces HDMI *1, VGA *1; Control interfacesinterfacesinterfaces: RJ45 *2 (RS-485/RS232 protocols supported)EnvironmentOperating temperature: -10° C to 45°C, relative humidity: $\leq 80\%$ ($20\pm5^{\circ}$ C)conditionsLifting motor: 18 W, 5R/MIN, angle motor: 14 W, 5R/MINMax Power $60W/96W$ Power supply 220 V AC, frequency of $50/60$ HzProduct $422x70x553mm/458x70x553mm/560x$ $70x603mm$ Panel size $422x70x3mm/458x70x3mm/560x70x3$ mmChassis size $412x58x550mm/448x58x550mm/550$ $x58x600mm/545x58x680mm/665x62mmChassis hole414x60mm/450x60mm/550x60mmSize414x60mm/450x60mm/550x60mm$	mode					
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Environment conditionsOperating temperature: -10° C to 45°C, relative humidity: $\leq 80\%$ ($20\pm5^{\circ}$ C)MotorLifting motor: 18 W, 5R/MIN, angle motor: 14 W, 5R/MINMax Power $60W/96W$ Power supply 220 V AC, frequency of 50/60 HzProduct dimensions $422x70x553mm/458x70x553mm/560x$ $70x603mm$ Panel size $422x70x3mm/458x70x3mm/560x70x3$ mmChassis size $412x58x550mm/448x58x550mm/550$ $x58x600mm$ Chassis hole size $414x60mm/450x60mm/550x60mm$ 547x60mm/547x60mm/667x62mm	Chassis	power switch *1, screen video input interfaces HDMI *1, VGA *1; Control				
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Power supply 220 V AC, frequency of 50/60 Hz Product 422x70x553mm/458x70x553mm/560x 555x70x683mm/555x70x683mm/675x7 dimensions 70x603mm 0x723mm Panel size 422x70x3mm/458x70x3mm/560x70x3 555x70x3mm/555x70x3mm/675x70x3m Chassis size 412x58x550mm/448x58x550mm/550 545x58x680mm/545x58x680mm/665x Chassis hole 414x60mm/450x60mm/550x60mm 547x60mm/547x60mm/667x62mm	Motor	Lifting motor: 18 W, 5R/MIN, angle motor: 14 W, 5R/MIN				
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dimensions 70x603mm 0x723mm Panel size 422x70x3mm/458x70x3mm/560x70x3 mm 555x70x3mm/555x70x3mm/675x70x3m m Chassis size 412x58x550mm/448x58x550mm/550 x58x600mm 545x58x680mm/545x58x680mm/665x 60x720mm Chassis hole 414x60mm/450x60mm/550x60mm 547x60mm/547x60mm/667x62mm	Power supply	220 V AC, frequency of 50/60 Hz				
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mm m Chassis size 412x58x550mm/448x58x550mm/550 545x58x680mm/545x58x680mm/665x x58x600mm 60x720mm Chassis hole 414x60mm/450x60mm/550x60mm 547x60mm/547x60mm/667x62mm size	dimensions	70x603mm		0x723mm		
x58x600mm 60x720mm Chassis hole 414x60mm/450x60mm/550x60mm 547x60mm/547x60mm/667x62mm size	Panel size		x70x3mm/560x70x3		70x3mm/675x70x3m	
x58x600mm 60x720mm Chassis hole 414x60mm/450x60mm/550x60mm 547x60mm/547x60mm/667x62mm size	Chassis size	412x58x550mm/44	48x58x550mm/550	545x58x680mm/545	5x58x680mm/665x	
size						
	Chassis hole	414x60mm/450x60)mm/550x60mm	547x60mm/547x60r	mm/667x62mm	
Panel 423x71x3mm/459x71x3mm/561x71x 556x71x3mm/556x71x3mm/676x71x3	size					
	Panel	423x71x3mm/459x	x71x3mm/561x71x	556x71x3mm/556x7	71x3mm/676x71x3	

		1
counterbore	3mm	mm
size		
Overall	7.5kg/8.5kg/12.5kg	13kg/15kg/18.5kg
weight	8kg/9kg/13kg	13.5kg/15kg/19kg
Installation	Embedded installation	
method		
Sound Pickup	-	Heart type capacitance
Maximum	-	2.0W
power		
consumption		
Frequency	-	20 Hz ~ 20 kHz
response		
THD	-	<0.1%
Dynamic	-	>94dB
range		
SNR	-	>96dB
Nominal	-	>70dB SPL
microphone		
input		
Maximum	-	>100dBSPL
microphone		
input		
Sensitivity	-	- 46 dBV/Pa
Connection	-	CAT5/CAT6 cable + RJ45 network port
method		

Note: The parameters may vary due to product upgrade. The actual parameters shall prevail.

Dimensional drawing

