

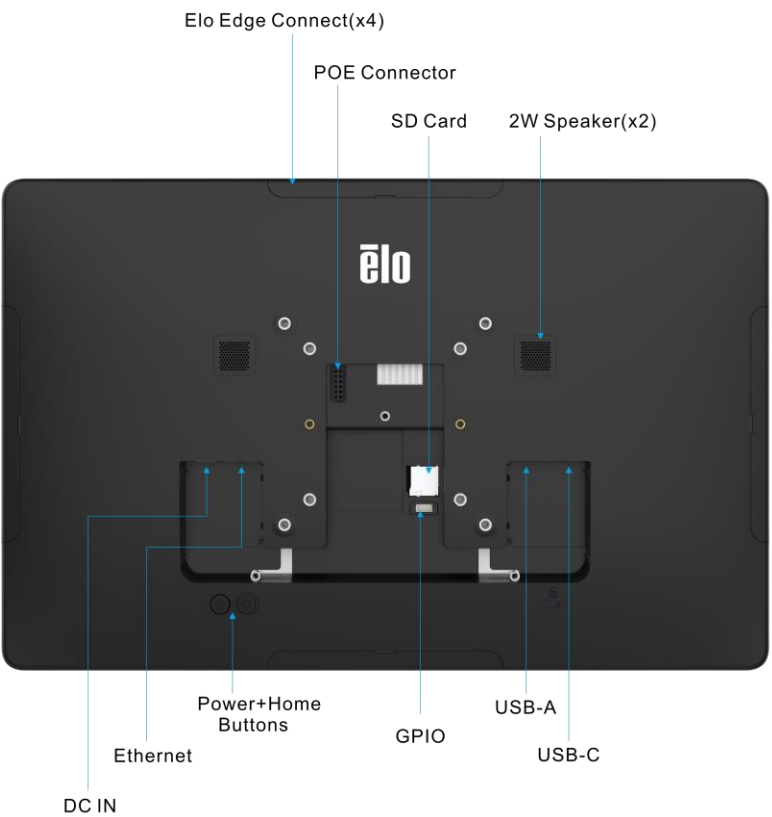
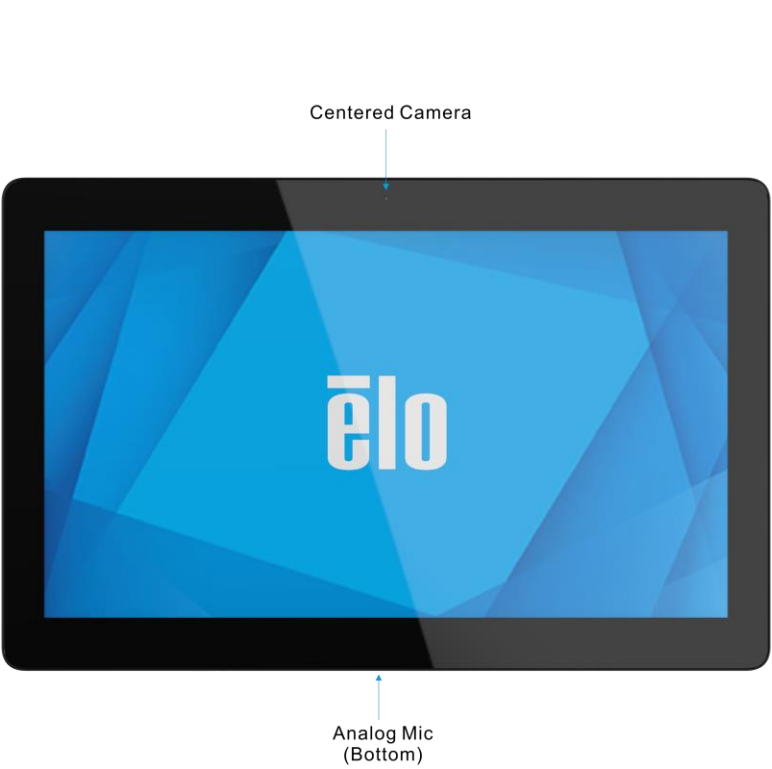
Product Description

Your new I-Series 4.0 Android Interactive Signage system combines the reliable performance from Elo with the latest developments in touchscreen technology and display design. This combination of features creates a natural flow of information between a user and the I-Series 4.0 system.

Overview – Specifications

Feature	Specification
Operating System	Android 10
Processor	Rockchip RK3399
Memory	4GB RAM
Internal Storage	32GB NAND flash memory
Display	10.1 – 1280x 800 15.6 – 1920 x 1080 22 – 1920 x 1080
Aspect Ratio	10.1 - 16:10 15.6 and 22 - 16:9
Touch Screen	Capacitive touch; up to 10 touches
Camera	5MP - 2592*1944, Auto Focus
Micro-SD	Support for microSD cards (up to 128GB)
Wi-Fi + Bluetooth	IEEE 802.11a/b/g/n/ac + Bluetooth 5.0 with BLE
Microphone	Analog Mic
Speaker	2x 2W RMS Stereo
USB Port	4x microUSB ports 1x Type-C 1x USB 3.0 Type A

Features: i-series 4.0



1 General Information

1.1 General Description of the Item(s)

Product Name	Touch All In One Computer					
Model No.	ESY22I4					
HVIN	ESYI4SV					
Hardware Version	R05					
Software Version	Android 10					
FCC ID	RBWESYI4SV					
IC	10757B-ESYI4SV					
Manufacturer	Elo Touch Solutions, Inc					
Manufacturer Address	670 N. McCarthy Blvd., Suite 100, Milpitas, CA 95035, USA.					
EUT Voltage	19 Vdc and POE 44-57V for ESY10I4, ESY15I4, ESY22I4, ESY15I4-C					
Frequency Range	For 2.4GHz Band 802.11b/g/n(20MHz): 2400~2483.5MHz					
Channel Number	For 2.4GHz Band 802.11b/g/n(20MHz): 11					
Type of Modulation	802.11b: DSSS-DBPSK, DQPSK, CCK 802.11g/n: OFDM-BPSK, QPSK, 16QAM, 64QAM					
Data Rate	802.11b: 1/2/5.5/11 Mbps 802.11g: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 144.4 Mbps					
Frequency Range	5GHz Band					
Type of Modulation	OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM					
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.6Mbps					
Channel Control	Auto					
Transmit modes	☒	802.11a	☒	802.11n(20MHz)	☒	802.11n(40MHz)
	☒	802.11ac(20MHz)	☒	802.11ac(40MHz)	☒	802.11ac(80MHz)
Support Bands	☒	5150MHz~5250MHz	☐	Outdoor AP		
			☐	Indoor AP		
			☐	Fixed point-to-point AP		
			☒	Mobile and Portable Client		
	☒	5250MHz~5350MHz				
	☒	5470MHz~5725MHz for FCC	☒	With TDWR Channels		
			☐	Without TDWR Channels		

	☒	5470MHz~5600MHz and 5600MHz~5650MHz for ISM
	☒	5725MHz~5850MHz

Wireless specification	Bluetooth					
Bluetooth Specification	V3.0					
Frequency Range	2400~2483.5MHz					
Type of Modulation	GFSK					
PHYs	☒	GFSK	☒	Pi/4 DQPSK	☒	8DPSK
Data Rate	☒	1Mbit/s	☒	2Mbit/s	☒	3Mbit/s
Number of channel	79					
Wireless specification	Bluetooth 5.0					
Frequency Range	2400~2483.5MHz					
Type of Modulation	GFSK					
PHYs	☒	LE 1M	☒	LE 2M	☐	LE Coded S=2/8
Data Rate	☒	1Mbit/s	☒	2Mbit/s	☐	500/125 Kbit/s
Number of channel	40					
Temperature Range	0°C~40°C					

1.2 Antenna Information

WLAN Antenna

2.4GHz

Antenna model / type number	N/A			
Antenna serial number	N/A			
Antenna Delivery	☒	1TX + 1RX		
	☒	2TX + 2RX		
	☐	Others:.....		
Antenna technology	☒	SISO		
	☒	MIMO	☒	CDD
			☐	Beam-forming
Antenna Type.....	☐	External	☐	Dipole
			☐	Sectorized
	☒	Internal	☒	PIFA
			☐	PCB
			☐	Metal Antenna
			☐	Others.....

5GHz

Antenna model / type number .. :	N/A			
Antenna serial number	N/A			
Antenna Delivery	☒	1TX + 1RX		
	☒	2TX + 2RX		
	☐	Others:.....		
Antenna technology	☒	SISO		
	☒	MIMO	☒	CDD
			☐	Beam-forming
Antenna Type	☐	External	☐	Dipole
			☐	Sectorized
	☒	Internal	☒	PIFA
			☐	PCB
			☐	Metal Antenna
			☐	Others.....
