







ESI ePhone Comparison Chart

	ePhone3	ePhone4x	ePhoneX/X-1	ePhone8
				
Release Date	Sept 2021	Dec 2021	Oct 2019	Jan 2021
Phone System	ESI eSIP Evolution and ESI eCloud PBX			
LCD	3.5" color	4.3" color	4.3" color; 2x3.5" side	7" color touchscreen
Programmable Feature Keys	Total: 45 (9 keys, 5 pages)	Total: 45 (9 keys, 5 pages)	Total: 106 Main display: 10 keys Side Panel: 32 keys, 3 pgs	112 (28 keys, 4 pages)
Lines	8	20	20	20
Phone Book	1000	1000	2000	2000
Call Log	600	1000	1000	1000
Camera	No	Yes ¹	Yes ¹	Yes ¹
Bluetooth	BT Dongle	BT Dongle	Built-In	Built-In
WiFi	No	WiFi Dongle	WiFi Dongle	Built-In
Power²	5V/2A or PoE			
Ethernet	10/100/1000			
USB³	Headset or BT Dongle	Headset, BT Dongle, WiFi Dongle, Thumb Drive ⁴		Headset, e8 Camera, Thumb Drive ⁴
Headset⁶	RJ9, Bluetooth, USB ⁵			
EHS⁷	Yes			
Handset Hook	Movable	Movable	No	No
Hearing Aid Compatible	Yes			
Wall Mount	Yes	Yes	No	No
Stand Angle	45°, 60°	45°, 60°	40°, 50°	40°, 50°
HD Audio	HD and using OPUS audio codec			
Speaker	Full-Duplex on Handset Speaker and Speakerphone			
Background Image	Pixel: 480 x 320, Bit Dpt: 16; Fmt: BMP RGB565	Pixel:480 x 272 Bit Dpt: 24; Fmt: BMP True Color	Pixel:480 x 272 Bit Dpt: 24; Fmt: BMP True Color	Pixel:1024 x 600 Bit Dpt: 32; Fmt: BMP/JPG True Color. PNG 64 bit True Color
OS	Linux	Linux	Linux	Android 9
IPv6	Yes	Yes	Yes	Yes

¹ The e4x (2021), eX/X-1, and e8 can receive video from ESI Access Devices that contain cameras. The e8 can also create a 2-way video call when both e8s in the call have the separately-sold e8 camera. ² Power Supplies are sold separately. PoE refers to using a PoE switch to provide power. Only one method is needed to supply power to the phone. ³ The USB slot only supports one accessory (dongle, headset, camera) at a time. ⁴ Although call recordings can be accessed elsewhere a user has the option to store them on an attached thumb drive. ⁵ The volume keys on a USB headset are not supported. Volume is controlled only via the phone. ⁶ The wired ESI headset can also be used on the following phones via the RJ9 connection: ESI 45SIP, ePhone7. ⁷ Electronic Hook Switch – Supported for ESI Bluetooth headsets and for Plantronics® headsets (Plantronics headsets require an APD-80 cable to support EHS). Also reference datasheets.