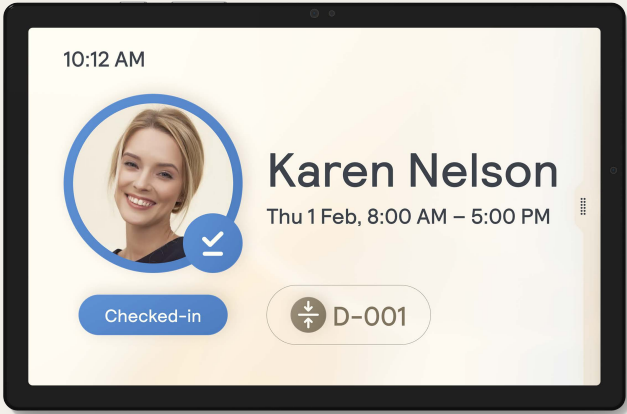




NURA VISION

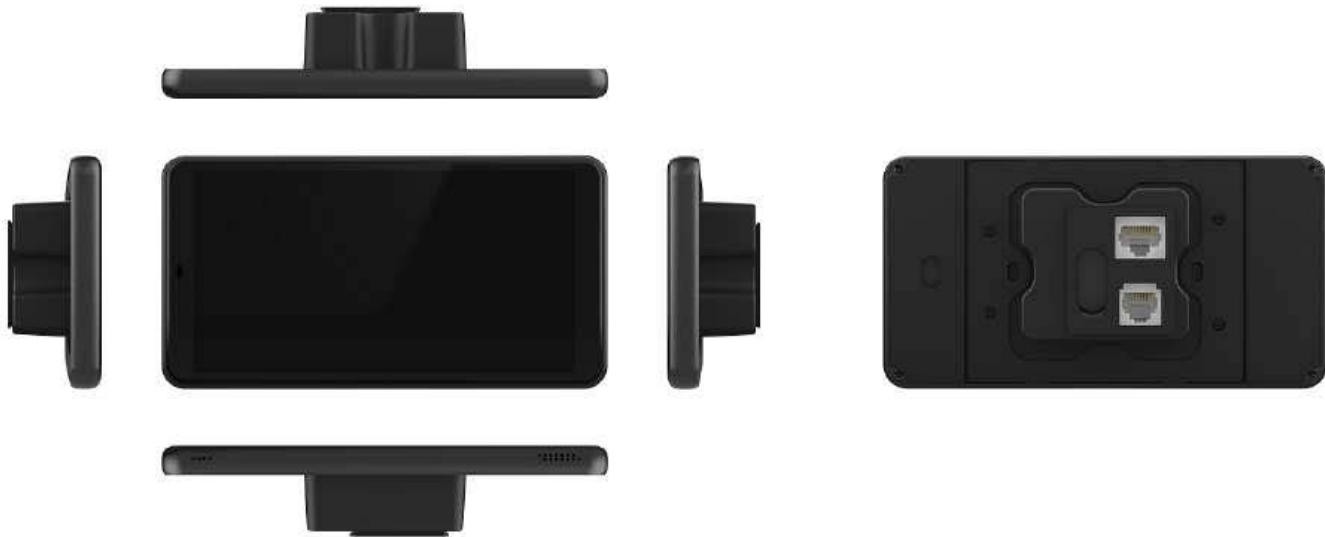


Hardware Characteristics

Display	5.5" 1920 x 1080 IPS Panel
OS	Android 14
WLAN	<ul style="list-style-type: none">• Dual-band connection possible with 2.4 GHZ and 5 GHz.• The 802.11ac (Wi-Fi 5) protocol primarily supports the WPA (Wi-Fi Protected Access) and WPA2 authentication protocols, which rely on the underlying 802.1X standard for robust user authentication, providing secure access to wireless networks; with newer devices potentially supporting WPA3 for enhanced security features.



Key points about 802.11ac authentication	
WPA/WPA2	These are the primary authentication methods used by 802.11ac, offering strong encryption with AES algorithms to protect data transmitted over the network.
802.1X	This is the underlying standard that enables robust user authentication by requiring users to provide credentials through a RADIUS server before gaining access to the network.
WPA3	While not specifically designed for 802.11ac, newer devices may support WPA3, which offers further security enhancements compared to WPA2.
Ethernet LAN	RS-485 allows connectivity to a local network having an internet connection.
Internet Protocol & Ports	Https & web Socket over port 443.
Device Management	Intune capability to allow App version, device software & network control management for all devices.
Bluetooth	BT 5.0
Power consumption	10W
Nura Vision App is installed over the private app store.	



Chipset & Platform	
CPU	MTK8768,8 core,Cortex-A53,2.0GHz,12nm
GPU	IMG GE8320
NPU	/
RAM	4GB LPDDR4
ROM	64GB eMMC
OS	Android 14
Display	
Screen	5.5 inch TFT LCD IPS
Resolution	1080*1920 FHD
Brightness	400cd/m2
Contrast Ratio	1000:1
View Angle	80
Touch Panel	Capacitive 5 point multi-touch screen,G+FF full lamination



Wireless	
WiFi	IEEE 802.11ac/a/b/g/n 2.4GHz&5GHz
Bluetooth	Bluetooth 5.0
Cellular	/
Band	/
Positioning	/
FM	/
NFC	Optional
Zigbee/thread	/

I/O ports	
DC in	/
USB	1*USB-C(data&OTG),5V 2A
SD card	/
SIM card	/
Audio Jack	/
RS485	1*RJ12,12~24V 1.5A
RJ45	1*100M,PoE(12.5W)
Buttons	power、vol-

Power supply	
Battery	/
TYPE-C	5V2A
POE	12.5W 48~53V
RJ12	12~24V 1.5A



Functions	
Accelerometer (G-sensor)	Optional
Gyroscope	Optional
Compass	/
Light sensor	Optional
Proximity sensor	Optional
Humiture sensor	/
Mechanical	
Dimensions	143.66 x 80.66 x 9.95mm
Weight	TBD
Mount	Wall mount supported
Housing materials	Metal
IP Rating	/
Environment	
Operationg temperature	-10 to 60
Storage temperature	-20 to 70
Accessories	
Manual, warranty card	