K2's Consumer Electronics Show 2024

Navigating The Future Of Technology

Major Topics

- Smart Home Innovations: Discover the latest advancements in home automation and IoT devices

- Wearable Technology Trends: Explore the future of health, fitness, and personal tech wearables

- Augmented and Virtual Reality: Delve into immersive experiences and their impact on entertainment, education, and business

- Sustainable Technology Solutions: Uncover new developments in eco-friendly and energy-efficient technologies

Learning Objectives

Upon completing this session, you should be able to:

- Identify emerging trends and products in the consumer electronics industry

- Understand the application of AR and VR in various sectors

- Evaluate the role of sustainable technologies in shaping future consumer choices

- Gain insight into the future of wearable technology and smart home devices

Why Should You Care?

- Products introduced frequently go mainstream

- Competitive advantage for early movers & adopters

- Direct conversations with representatives have an impact

- Relationships built over years

- You may find just the product you have been wanting to solve a problem in the office or at home

We Do The Work For You

- Pepcom

- Showstoppers

- 20+ miles of walking exhibits

- Visible trends on the floor and promoted by organizers

- Meetings with leading authorities

- Reflection time with other experts

Overview

- January 7-15, halls opened 1/9
- 4,300+ exhibitors, 135,000+ attendees
- 2.4 million square feet of exhibition space, 12 venues
  - Venetian/Sands – Eureka Park
  - Main Halls (Central, North & West)
- 250+ conference sessions
- Three podcast summaries & an article on CPA Practice Advisor

- Announcements by major vendors and startups
- Emerging Technology
- Innovations in existing tech
- Healthcare
- Human Security
- Television
- Transportation

BUSINESS TOOLS

Portable Monitors-Ricoh PFU

- 150 & 150BW
- 15.6" OLED, .19" thick
- Wired/Wireless, response <1ms
- 10-point touchscreen
- Draw and write with the optional RICOH Stylus Pen
- Lightest portable monitor* at 1.23lb
- $600-770

Portable Monitors - ViewSonic

- VG1656N, available Q3
- 16", 1920x1200 resolution
- Wireless and battery
- 250 nits
- Dual USB-C ports
- $299.99

Portable Monitors - Espresso

- Australian company first at CES in 2019. We liked their first product and covered it
- 17 Pro
- 4K, 1 Billion colors, 10-bit
- 450 Nits
- Livetouch with Jot notes
- .35" thick, 2.4 pounds
- $848

Desktop Monitors - Samsung

- Odyssey OLED G9, 49"

- Neo Quantum Processor Pro

- Dual QHD resolution and 110 PPI

- 240Hz Refresh Rate and 0.03ms (GtG) Response Time

- $1799.99 ($1,299 when this material written)

Or No Monitors At All

- Brian and Randy both tried Sightful's Spacetop

- It runs a custom, open-source version of Android

- Five hours of battery life, and has a Qualcomm Snapdragon XR2, the predecessor to the Snapdragon 8 Gen 2

- 128GB of storage, 8GB of RAM - $2,000
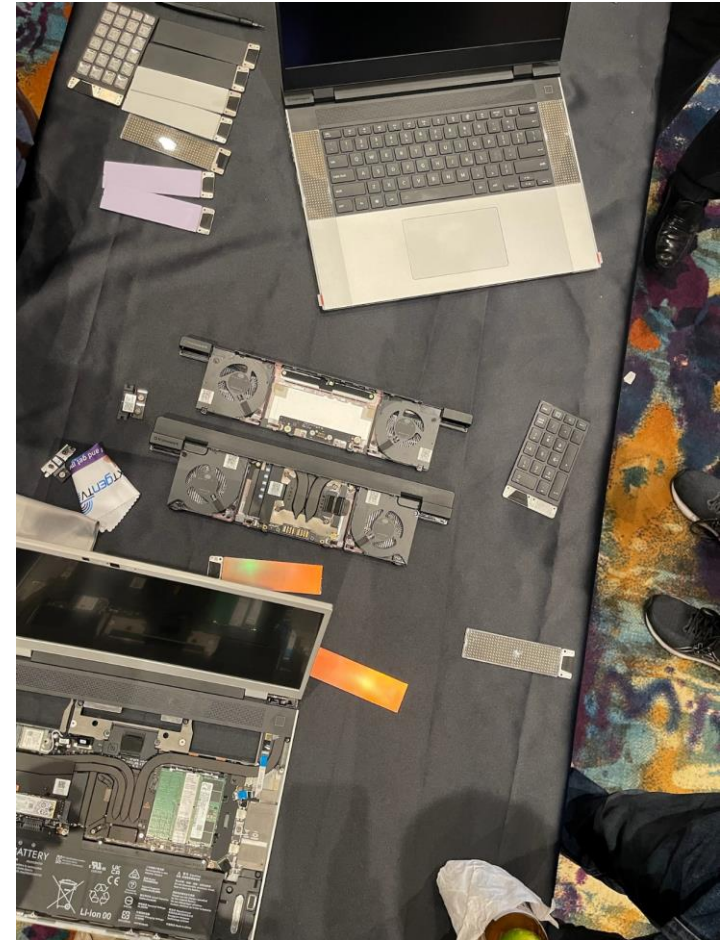
Devices Working Together-Samsung

- [DeX](#)/Bixby

- Multitask between devices

- Intel, Apple, Microsoft, and Google all supported

- Work seamlessly on any device (and quick, too)

New Laptop - Framework

- [Laptop 16](#)
- AMD Ryzen™ 7040HS (8 CPU) and Radeon™ RX 7700S
- Hot-swappable Input Modules, Numpad ($19)
- With six slots, you can select from USB-C, USB-A, HDMI, DisplayPort, MicroSD, Ethernet, Audio, ultra-fast storage, and more
- $1,399-$2,538 (Ryzen 9)

K2 Enterprises

Accessories – Targus MiraLogic®

- Caters to the security and operational needs of IT decision-makers, managers, and the wider workforce

- The Workspace Intelligence System combines enterprise-grade hardware with proprietary cloud software

Accessories – Targus HyperJuice

- Wireless charging
- GaN (Gallium Nitride) 20-240W chargers

Accessories – Kensington Docking

- [Thunderbolt 4](#) & 5
- SD2600T Thunderbolt™ 4 Dual 4K Nano Docking Station – 65W PD – Windows/macOS
- SD5780T Thunderbolt™ 4 Dual 4K/6K Docking Station with 96W PD - Windows/macOS
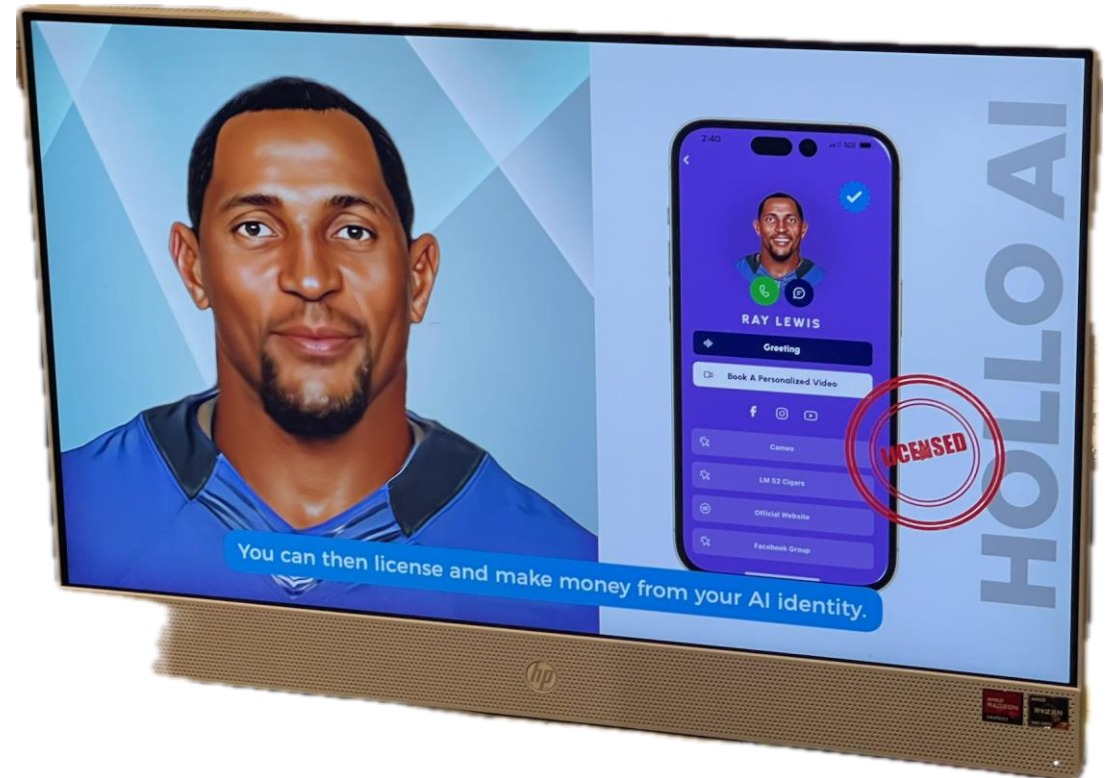- $179-$379

UGreen NAS

- Kickstarter project, launched March 12
- Designers said all the right things
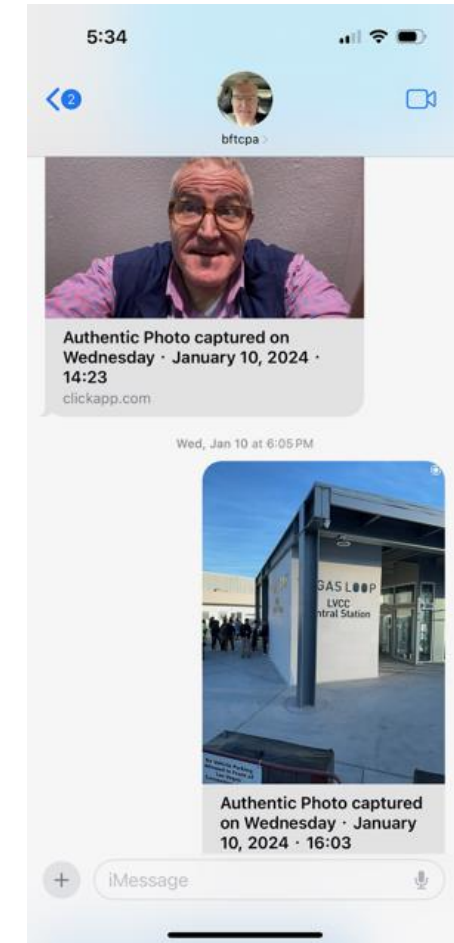
AI-Powered Chatbot – Hollo.AI

- Create an avatar, which can be your real image, in less than one minute

- Supplemental information is retrieved from the web

- Clients can interact with your avatar using content from the AI's large language model

Nodle [Click](#)–Free Picture Blockchain

- [https://clickapp.com/4iTH69r gECuW9jgg5BWxy8BEsgNfBg TzDY3dn7Pg3BBMSxkE/8675 53593/3?cid=QmT3V11ScCn NiJMFf1Jb4XDUV72Zw3C4ZX RTPZgPV4G1mK&waitForCon tent=1](#)

PERSONAL TOOLS

EcoFlow Whole Home Power

- DELTA Pro Ultra
- 7.2-21.6kW output
- 6kWh-90kWh capacity
- 5.6kW-16.8kW solar input
- Auto-switchover, prolonged (up to one month) backup, and energy bill savings with EcoFlow Smart Home Panel 2
- $5,799

C Seed Folding TV

- 103, 137, and 165" folding TV
- MicroLED
- $190,000-$400,000
- Outdoor, indoor, supermarine
- 2009, Vienna, Austria, former Bang & Olufsen managers

ATSC 3.0 – NextGen TV

- Built on the same Internet Protocol backbone as today's popular streaming media platforms
- Designed to bring together Over-the-Air with Over-the-Top content
- Delivers better video quality and immersive audio to viewers
- Provides the capability of Advanced Emergency Alerting and Informing
- Easily adaptable to future technologies
- Humber College has taken significant strides in establishing Canada's first Broadcast-Broadband Convergence B²C Lab

Tablo TV

- Over the air with DVR
- Antenna has 35-mile range
- Can be expanded with a NAS
- No on-going subscription
- Mac & Randy used the prior version of Tablo for years
- Works beautifully with a Roku
- $129

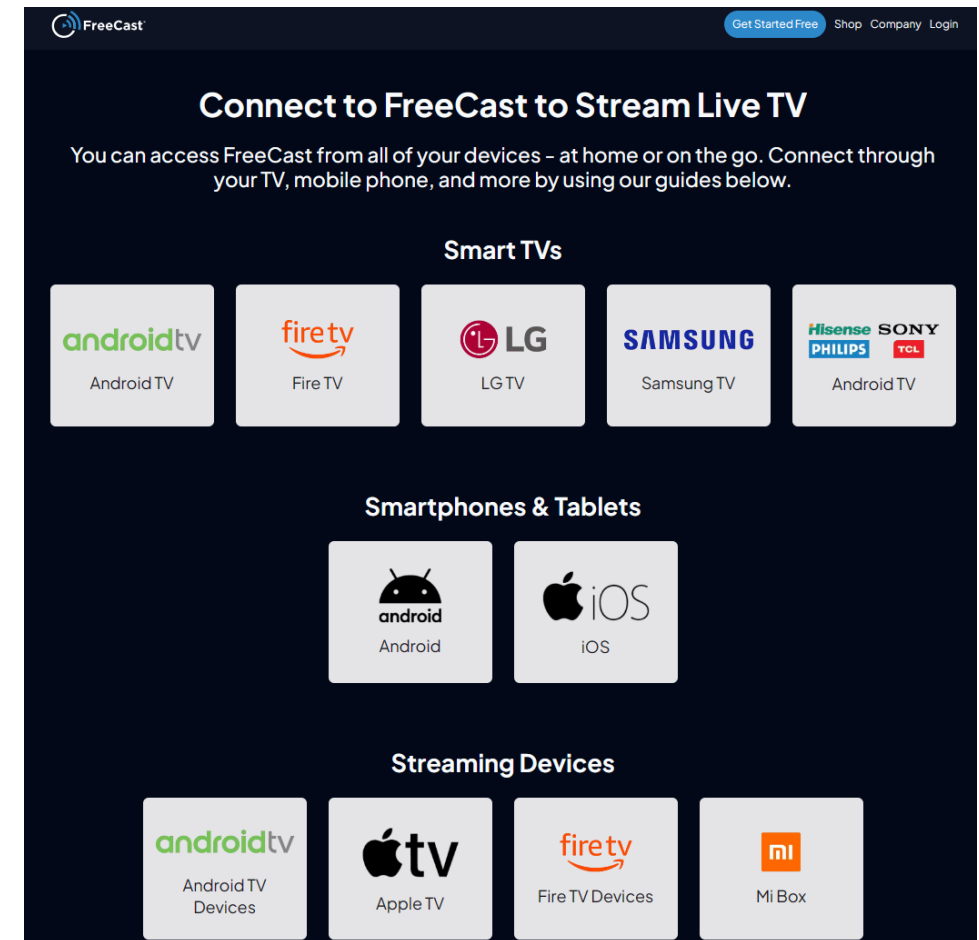The Tablo Total System comes with everything you need to get started

TABLO

Tablo requires a TV antenna (included), internet, smartphone and smart TV or streaming device.

FreeCast - 500,000 Shows & Movies

- Yes, really free
- Solo Antenna for shipping costs only
- Consolidated billing on all subscription services
- Value Channels $6.99, 20 Premium live channels
- FreeCast hardware
  - Watch live TV on multiple devices simultaneously throughout your home with the Multi room/user network tuner solution
  - Built-in DVR Controller by connecting an optional USB hard drive (requires paid TV guide service for DVR recordings)
  - ATSC content is compatible with Apple TV, Google TV, Fire TV, Sony, HiSense (non-Roku), TCL, LG, Samsung 2020 models +, Android (mobile/ tablets), Chromecast, iPhone, iPad, Mac, Chrome, Firefox, Safari
  - 4 tuners (2 ATSC 3.0, all 4 ATSC 1.0)
  - $199

Qi V2.0

- 9,000 certified products
- Qi v2.0 will unify the wireless charging industry under one global standard, including Ki2
- We observed a completely wireless kitchen with blender, cookstove top, electric kettle
- Magnetic locking supports innovations such as AR/VR headsets and new accessories magnetically attach to the back of a smartphone

Robotic Stir Fry Cooking

- I-Robo
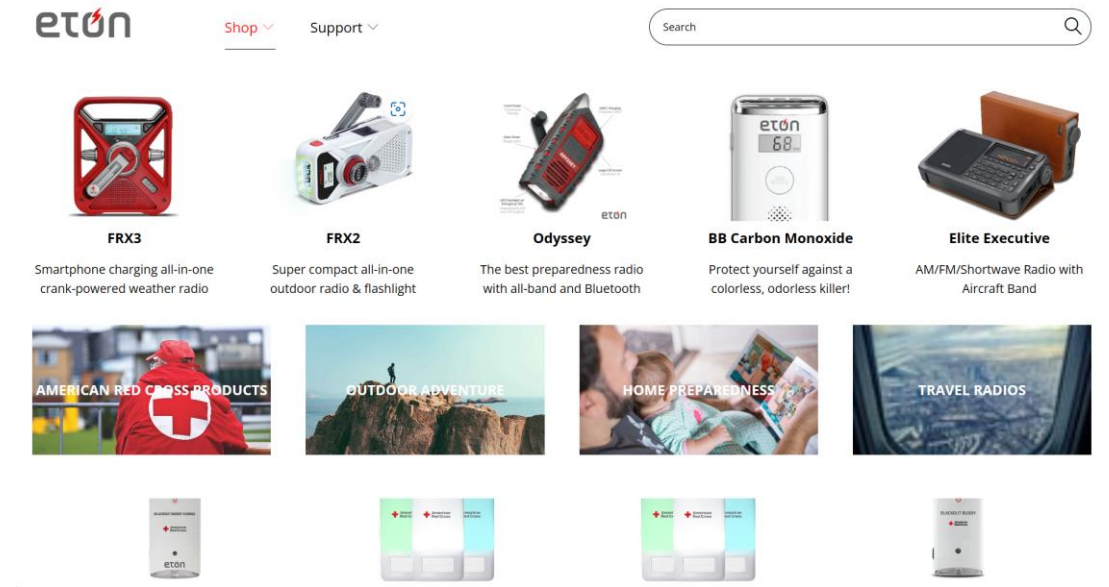- Automatic seasoning
- Self-cleaning frypan

Ambient Weather

- WS-2902 Home Wi-Fi Weather Station with Wi-Fi Remote Monitoring and Alerts & Thermo Hygrometer - $189

- WS-1965 Wi-Fi Weather Station w/ Remote Monitoring and Ambient Weather Network Access - $137

- New AccuWeather relationship

- https://ambientweather.net/

Ambient Exclusive

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- Unique safety products
- Red Cross partner
- Blackout buddy
- Carbon monoxide detectors
- Weather/Shortwave radio
- Smartphone manual chargers
- All-in-one flashlight/radio

SAF-T VEST™

- Provides 360-degree fall injury protection from the hips to the head
- 3 Million people fall each year in the US
- 300,000 suffer hip fractures
- #1 cause of traumatic brain injuries
- $50 Billion in public health
- Tiny sensors will detect a fall in progress….
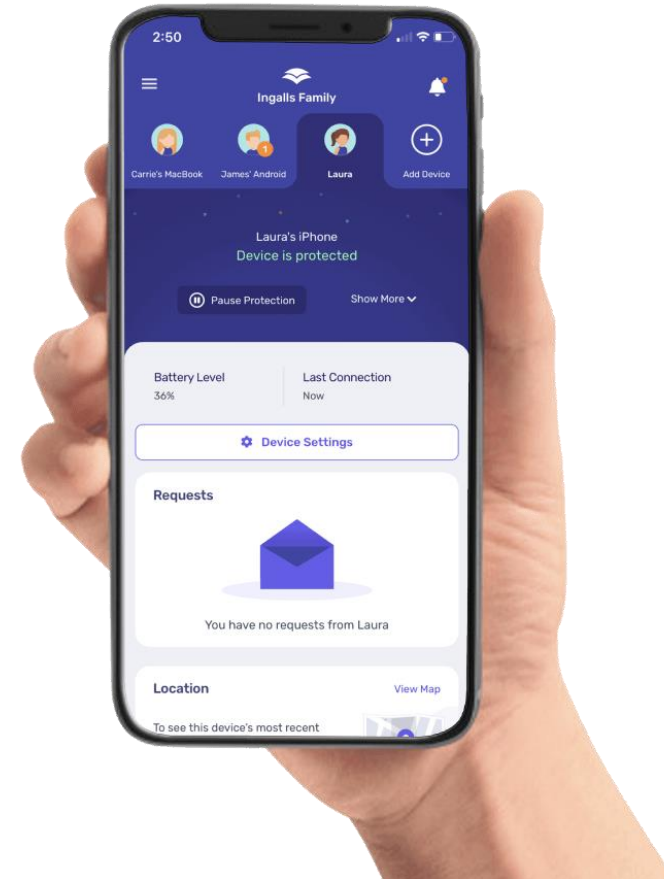
Walk with confidence.

Tonies

- Add a Tonie to the top of the box, and it instantly starts to play!

- Change tracks with a simple bump

- Change stories anytime

- Add headphones, cases or other extras

- Playtime Puppy Tonie, and 3-7, tonies $139-$189

Canopy

- The most empowering parental control app
- [Kids](), [teens](), and [adults]()
- [Pricing]() $8-16/month or 5 devices for $99/year

- Better yet, consider [Gabb Wireless]() or competitors

INNOVATION AWARD WINNERS

Dual Chamber Leadless Pacemaker

- AVEIR™ Dual chamber (DR) Leadless Pacemaker System by Abbott

- One-tenth the size of a traditional pacemaker

Non-contact Smart Thermometer

- HiiTCHECK by ADDPLUS Co., Ltd

- Compatible with any smartphone, it attaches easily offering convenient 360-degree rotation allowing users to effortlessly track their own, or baby's, body temperature for proactive health management

- Battery-free, lightweight, and compact, accurate to 0.1 °C

Transcribe Speech To Text Eyeglasses

- XanderGlasses by Xander

- Wearable assistive technology for people with severe hearing challenges

- Background noises, multiple speakers, and low-voices substitute "sight for sound," enabling those who can't hear speech to understand conversations

- No cloud connection required

WIMAGINE: Brain-Computer Interface

- WIMAGINE: Brain-Computer Interface technology by CEA

- In 2023, a paraplegic patient regained natural control of walking thanks to the coupling of CEA's WIMAGINE technology with a spinal cord stimulator (Lorach et al., Nature, 2023)

PureWash E930 Bidet Seat

- PureWash E930 bidet seat by Kohler - $3,200
- Connects up with Amazon Echo or Google Home devices
- It can mist the bowl prior to your derrière descending, warm the seat, turn a light on to illuminate the bowl (because why not see what's going on down there?), adjust the water temperature and the power of the bidet spray

Withings U-Scan

- U-Scan by Withings
- With more than 3000 metabolites, urine is an extraordinary witness to our health. It gives an immediate snapshot of the body's balance and can help detect and monitor a large variety of health information

AgeTech Collaborative™ From AARP®

- Prisidio offers a digital vault to capture and securely share your most important information with the key people in your life

- De Oro Devices makes NexStride: a mobility aid to keep people walking safely, retaining independence and confidence. NexStride uses research-backed sensory cues in a small portable device that attaches to any cane, walker, or walking pole to prevent falls and improve mobility

Lego Blocks To Learn Braille

- CREAMO BraillePlus: Digital Education Kit for VIP by CREAMO Inc./HANSEO UNIVERSITY

- Toy block play-based digital braille learning assistive tool that enhances braille skill and digital literacy easily and in a fun way during block play activities for visually impaired individuals
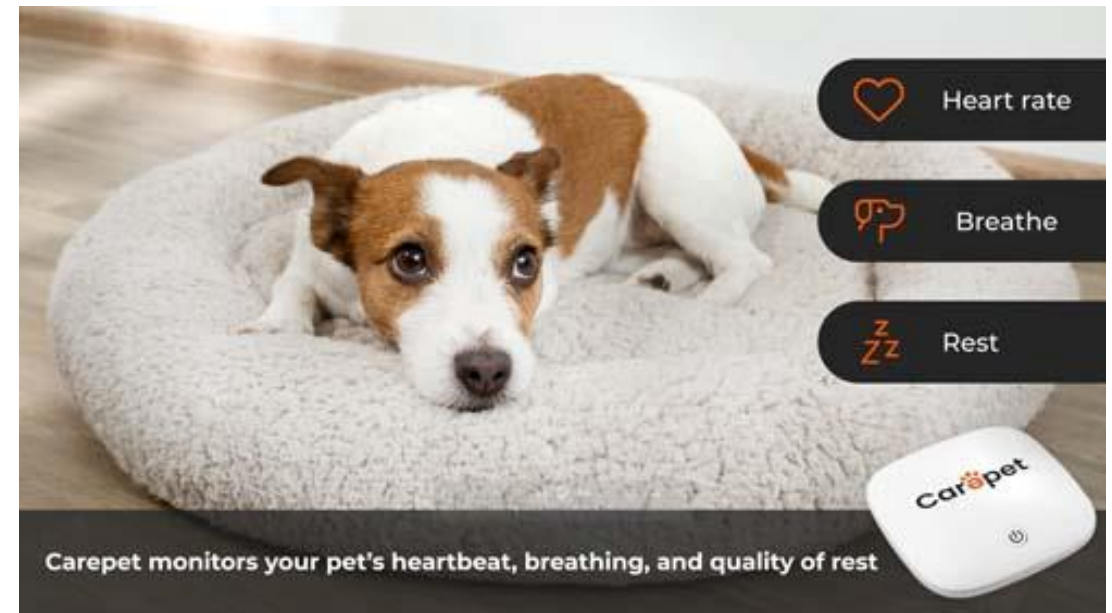
Interchangeable-lens Camera (ILC)

- MS-500 ILC by Canon U.S.A., Inc.

- World's first ultra-high-sensitivity interchangeable-lens camera (ILC) with a 1.0 inch Single Photon Avalanche Diode (SPAD) sensor with a record-breaking 3.2 megapixels

- SPAD technology for exceptional low-light performance

Bed For Pets Monitors Health

- Carepet by Domethics s.r.l
- Breathing, heart rate, quality and quantity of rest
- Identify and prevent some diseases

Carepet monitors your pet's heartbeat, breathing, and quality of rest

Mercury Electric Outboards

- Mercury Avator™ 20e and 35e electric outboards by Brunswick Corporation

- Modular batteries give you flexibility

- Clean, quiet, sustainable solution for powering small vessels

Personal Transportation

- Honda Motocompacto by Honda
- Maximum speed of 15 mph and zero-emissions range of up to 12 miles
- Charges in just 3.5 hours
- Folded into a suitcase size with cushy seat, secure grip foot pegs, a digital speedometer, a charge gauge, and a comfortable carry handle

Autonomous Aircraft Landing

- Autoland Autonomous Aircraft Landing System Retrofit by Garmin

- Autoland takes complete control of the flight to land the airplane in an emergency where the pilot is unable to fly

- Now available as a retrofit solution for select Beechcraft King Air 200/300 aircraft

Smart Safety Helmet

- SmartHat® by Proxgy®
- Designed to completely revolutionize workplace safety and connectivity for industrial workers
- 360-degree two-way live audio-video communication, noise sensors, gas leakage detectors, and cross-spectrum connectivity, including 4G/5G, Wi-Fi, Bluetooth, NFC, LoRaWAN, and PTT

Interpreter Hub Translator

- Timekettle X1 Interpreter Hub by Timekettle

- Real-time interpretation

- Combines the convenience of a handheld translator with a screen, speaker, and a hands-free experience with two wireless translator earbuds

Fully Automatic Espresso Machine

- Bosch 800 Series Fully Automatic Smart Espresso Machine by Bosch

- Powered by Home Connect, allowing for remote control, remote diagnostics, and access to an additional 22 beverage options via CoffeeWorld (for a total of 33 beverage options since 11 beverage options are available offline)

- A bean-to-cup machine with an integrated grinder, milk system, and water tank

CES 2025: Tuesday, January 7, 2025 - Friday, January 10, 2025

THANK YOU!