

Interior:

11 Place utility/troop seats available in cabin. 2 crew seats in cockpit.

Standard Equipment & Accessories:

- Audio/ICS boxes
- Crew headsets/VHF AM/FM transceiver
- VI
- HSI
- APU
- Wire Cutter
- Stabilator
- Control Panel
- External Power Monitor
- Fire Extinguishers
- First Aid Kits

Avionics Plus the Following Options:

- RK Digital Glass Cockpit Suite
- Signal Unit (1)
- Multi Function Display Units (4)
- ADAHARS (2)
- EICAS (Engine enabling unit) (1)
- ADF (1)
- Course Selection Panel (1)
- Radar Altimeter (1)
- Mission Control Panel (2)
- Marker Beacon (1)
- Transponder (1)
- Flight Management System (1)

Blackhawk UH-60A

For Sale



Full Integrated Digitally Modernized Cockpit



DAY/NIGHTHAWK



Terms & Conditions:

- Aircraft acceptance in Huntsville, AL
- Transportation, Insurance, Taxes, Export, Governmental fees not included
- Warranty on new equipment is 12 months
- Limited warranty on other, as is
- Export approvals subject to U.S. agencies
- All data submit talks subject to NDA
- Buyer and Agent comply with FCPA
- Buyer responsible for all country requirements including air worthiness
- Limited life components minimum 500 hours

Information:

(S/N 8223638 the airframe TTSN is 5541)
Engine 1 (S/N GEE307572 TTSN is 3454)
Engine 2 (S/N GEE306075 TTSN is 3809)

Available Original Records to be provided
All mandatory and applicable bulletins comply
No known accident history

Price: Please Call
Delivery: As Required
International: Export License Required
Phone: Scott Beattie 949-442-2334

www.rogersonkratos.com



1 / 1



110%





SIMPLEX
AEROSPACE

TOP DROP N6

APS

Prime Capabilities, Small Firm Agility



TEXTRON

ROGERSON
KRATOS

Displays Flight Intelligence

EXTEX

KAMATICS



WCF
AEROSPACE

Technologies

Honeywell



SCHWEIZER



ROGERSON
KRATOS

Makes Legacy Cockpits New ...

- NAVIGATION
- SENSORS
- COMMUNICATIONS
- SURVEILLANCE

APS
AVIATION PROCUREMENT SYSTEMS



WCF
AEROSPACE

EXTEX

KAMATICS

E7

TEXTRON

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KRATOS



AEVEX
AEROSPACE

EMPOWERING
PEOPLE TO MAKE
THE WORLD
A BETTER PLACE

aviprosys.com



UH-60 Blackhawk

Manufacturer: Sikorsky Aircraft
First flight: October 1974
Introduction: 1979
Length: 64 feet, 8 inches
Height: 16 feet 10 inches
Weight: 17,432 Lbs
Max Speed: 184 mph
Unit cost: \$21.3 million



From the beaches of Newport to the sands of the Sahara Dylan DeAngelo will be there...



Upgrading GII & GIII Cockpit Avionics

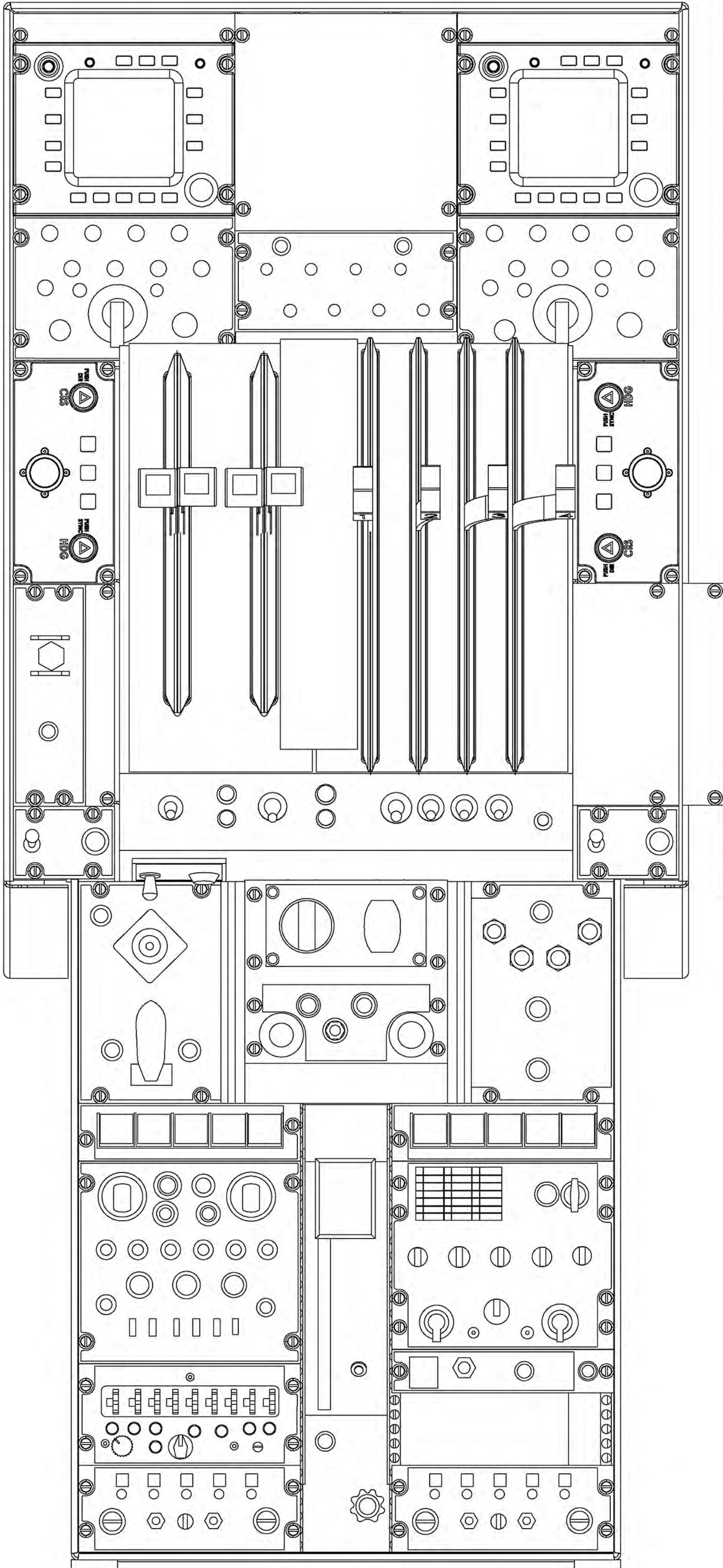
Rogerson Kratos has qualified a perfect solution for GII & GIII owners who want to navigate with the latest aids.



*Featuring 3D Coupled
FMS Approaches*



**NEOAV 520
EFIS**



i200 Series

About
Help
Languages
Configurator
Service Menu
Reminders
Invert
Day/Night
Screensaver
Infomercials
2.8" Color LCD
Supports Controller:
i810u-NC-0001 & i830u-NC-0001



i203-A061-NC

i400 Series

About
Help
Languages
Configurator
Service Menu
Reminders
Invert
Day/Night
Screensaver
Infomercials
2.8" Color LCD
IR Entertainment
Supports Controller:
i810u-NC-0001, i830u-NC-0001 & i860-NC-0001



i401-C063-NC

i600 Series

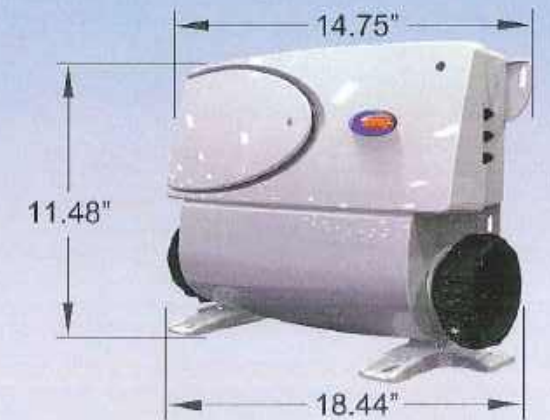
About
Help
Languages
Configurator
Service Menu
Reminders
Invert
Day/Night
Screensaver
Infomercials
4.3" Color LCD
IR Entertainment
Uses eController
Mood Settings
Games & Photos
Timers & Alarm
Supports Controller:
i830u-NC-0001 & i860u-NC-0001



i602-C066-NC

i810u-NC-0001

Pump 1 (2 speed)
Pump 2 or Blower (1 speed)
Pump 3 (available if Pump 1 is a 1 speed)
15" heater 3, 4, and 5.5 kW
Spa Light (on/off)
Circulation Pump option
Ozone option



i830u-NC-0001

Pump 1 (2 speed)
Pump 2 (2 speed)
Additional i830 configurations - up to 4 pumps and 2 auxiliary outputs
15" heater 3, 4, and 5.5 kW
Spa Light (Dimmable)
Circulation Pump option
Blower (Multispeed) option
Ozone (option)
Audio Video
Aux 1, Aux 2



i860u-NC-0001

Pump 1 (2 speed)
Pump 2 (2 speed)
Pump 3 (2 speed)
Additional i860 configurations - up to 6 pumps and 6 auxiliary outputs
15" heater 3, 4, and 5.5 kW
Spa Light (Dimmable)
Circulation Pump option
Blower (Multispeed) option
Ozone (option)
Audio Video
Aux 1, Aux 2, Aux 3
Aux 4, Aux 5, Aux 6



r900-810u-203

Consists of:

- (1) i203 Control Panel
- (1) i810 Controller
- (2) Tail Pices
- (2) Split Nuts
- (2) O-Rings
- (1) 4 Conductor Cable
- (2) 3 Conductor Cable
- (1) Spa Light Adapter



r901-830u-401

Consists of:

- (1) i401 Control Panel
- (1) i830 Controller
- (2) Tail Pices
- (2) Split Nuts
- (2) O-Rings
- (2) 4 Conductor Cable
- (2) 3 Conductor Cable
- (1) Spa Light Adapter
- (1) Universal Adapter



r902-860u-602

Consists of:

- (1) i602 Control Panel
- (1) i860 Controller
- (2) Tail Pices
- (2) Split Nuts
- (2) O-Rings
- (3) 4 Conductor Cable
- (2) 3 Conductor Cable
- (1) Spa Light Adapter
- (1) Universal Adapter



Phoenix Series

innovation changing markets



Smart Technology For Hot Tubs Made Simple

Upgrade your spa with an innovative SmartControl that adds a color video display, entertainment control, energy savings, multiple languages, detailed intuitive help, games and much more...

Newport Controls delivers what today's hot tub owners want. It's not just a spa control, it's a SmartControl, and it's waiting for you.

Azure Series Control Panels

i200 Series

About
Help
Languages
Configurator
Service Menu
Reminders
Invert
Day/Night
Screensaver
Infomercials
2.8" Color LCD
Supports Controller i810u-NC-0001 & i830u-NC-0001



i201-A041-NC



i202-A011-NC

i400 Series

About
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Reminders
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Day/Night
Screensaver
Infomercials
2.8" Color LCD
IR Entertainment
Supports Controller i810u-NC-0001, i830u-NC-0001 & i860-NC-0001



i402-C063-NC



i403-A053-NC

i600 Series

About
Help
Languages
Configurator
Service Menu
Reminders
Invert
Day/Night
Screensaver
Infomercials
4.3" Color LCD
IR Entertainment
Uses eController
Mood Settings
Games & Photos
Timers & Alarm
Supports Controller i830u-NC-0001 & i860u-NC-0001



i601-A036-NC

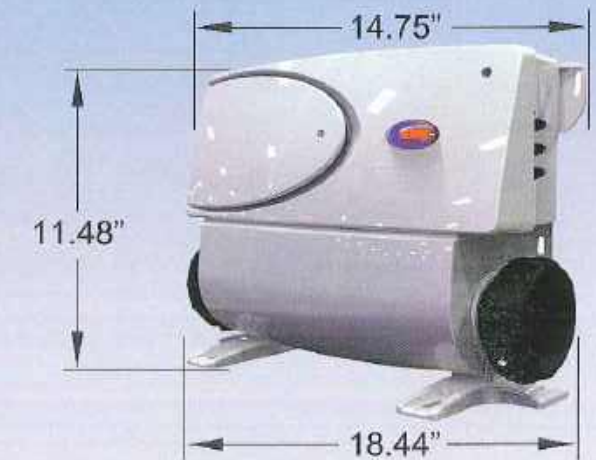


i603-C036-NC

Controllers

i810u-NC-0001

Pump 1 (2 speed)
Pump 2 or Blower (1 speed)
Pump 3 (available if Pump 1 is a 1 speed)
15" heater 3, 4, and 5.5 kW
Spa Light (on/off)
Circulation Pump option
Ozone option



i830u-NC-0001

Pump 1 (2 speed)
Pump 2 (2 speed)
Additional i830 configurations - up to 4 pumps and 2 auxiliary outputs
15" heater 3, 4, and 5.5 kW
Spa Light (Dimmable)
Circulation Pump option
Blower (Multispeed) option
Ozone (option)
Audio Video
Aux 1, Aux 2



i860u-NC-0001

Pump 1 (2 speed)
Pump 2 (2 speed)
Pump 3 (2 speed)
Additional i860 configurations - up to 6 pumps and 6 auxiliary outputs
15" heater 3, 4, and 5.5 kW
Spa Light (Dimmable)
Circulation Pump option
Blower (Multispeed) option
Ozone (option)
Audio Video
Aux 1, Aux 2, Aux 3
Aux 4, Aux 5, Aux 6



Azure Series Control Panels

Auxiliary Panels
1, 2, 3 & 4 button configurations



iA01



iA03

Heater
2" Inch Plumbing
Integral or Remote



Breeze Series Wireless Control Panels

Spa SmartControl
4.3" Color LCD
Wireless
Wall Mount or Spa Side
with Docking Station

540-0001



Merlin Series Entertainment Control Panels

Spa SmartControl
7" or 10" Color LCD
Full Audio Video
Wireless and Wired
Internet & Email capability
Optional tilt-up housing
On screen keyboard
Uses eController



707-0001



710-0001



For more information visit www.newportcontrols.com or call us at 949.442.4260



Azure Series innovation changing markets



Smart Technology For Hot Tubs Made Simple

Now a digital SmartControl that also includes a color video display, entertainment control, energy savings, multiple languages, detailed intuitive help, games and much more...

Newport Controls delivers what today's hot tub owners want. It's not just a spa control, it's a SmartControl, and it's waiting for you.

abSeries:
**PEC from InTheAirNet puts entertainment, Internet
 and cabin controls at passengers' fingertips!**



PEC – Passenger Entertainment Connection – is InTheAirNetVIP's new Android-based wireless entertainment platform that plays movies and audio, connects broadband, displays passenger maps, and recharges smart devices. Part of InTheAirNetVIP's abSeries suite of "Personalized Technology" products, PEC shares many components with its wired alternative, PEG. It offers the four key preferences of passenger entertainment: broadband connectivity, on-board media storage, a terrific satellite image map, and recharging.



Features:

Architecture of PEC

The system consists of a 7" master control, usually located in the galley or crew area, an Aircraft Power Entertainment module for storing media and furnishing power through a USB port, a Wireless Access Point, an Aircraft Interface Module for adding a Passenger Map, and an optional Aircraft Control Module for electronic control of aircraft lights, temperature, and shades.

Benefits of PEC

PEC is easy to use. Its features can be wirelessly operated with an App on the passenger's smart device. Connectivity to different broadband solutions is another key benefit, for PEC works well with cellular and satellite services.

Versatility of PEC

Designed for mid-sized, as well as larger business jets, PEC is scalable from 10 passengers to the largest VIP aircraft.

Cost of PEC

Like all abSeries products, PEC has few components and is installed with minimum time in the shop. Not only is installation easy, but the system is easy on the wallet, too.

Wireless System Architecture



Flight Attendant Panel



Aircraft Power Entertainment



Aircraft Interface Module



Aircraft Control Module



WAP



Wireless



PED

Aircraft Entertainment Power

- Android Platform
- Power Conditioner
- Hard Media Storage
- Seat Distribution Terminal

Bulkhead Displays

- Passenger Announcements
- Movies & Infomercials
- Passenger MAPP

Flight Attendant Panel

- Loads New Content
- Interfaces Broadband
- Passenger Status
- Controls Media

Master Control Panel

- Controls all Cabin Functions
- A/V Functions for the Master Display
- Any other Aircraft Apps

Aircraft Interface Module

- Connects Flight Deck Data
- Enables MAPP
- Separates Cabin from Cockpit

Aircraft Control Module

- Manages electrical operation of lighting, temperature, shades, and other options in business jets.

MAPP APP

- Plays on Seatback or Cabin Displays and Passenger PEDs
- High-Resolution Images
- Industry Leading Views



Does your PED have an app to connect at 30,000 feet?



Movies



Music



Map



Internet

Airnet TV Components



Antenna and Radome

Smallest Envelope Available

- > Patented Luneburg Lens
- > Lowest profile available (5.22" high x 27.5" diameter)
- > Lowest weight 54lbs
- > Lowest power 40 watts
- > Achieves 19 to 85 degrees elevation coverage
- > Maintenance free design
- > Manufactured by Datron flying on over 20 737's



Advanced Digital Receiver

Compact Digital Receiver

- > Smallest available airborne TV receiver
- > Size standard 4 MCU package
- > Weight 12lbs, Power 105 watts
- > Higher signal availability, faster satellite acquisition
- > Excellent regional signal transitions
- > Modular design configurations
- > 6 independent channels per 4 MCU package
- > Dual streaming digital and standard analog video outputs
- > ITAN "authorized" Echostar receiver design for airborne use

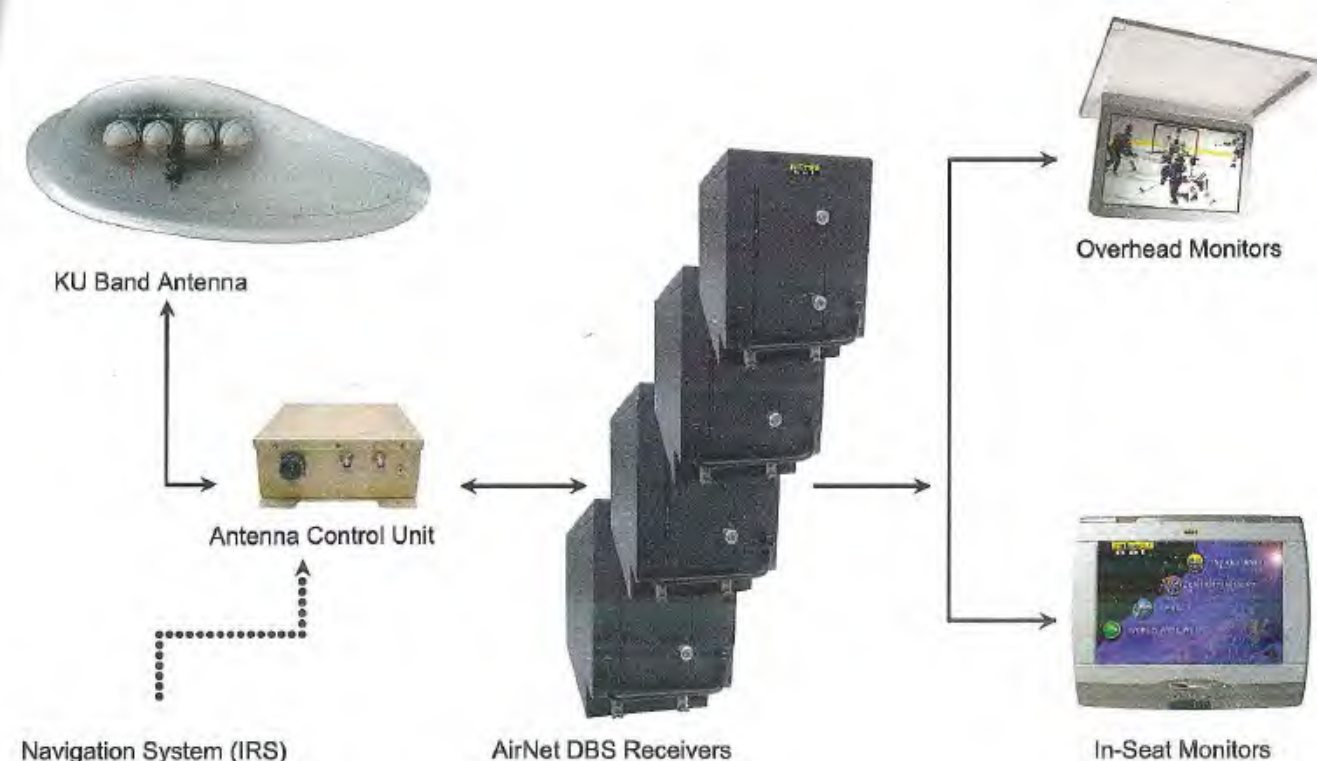


Antenna Control Unit

Accurate Steering

- > Small lightweight package
- > Size Approx 7" x 6" x 3"
- > Weight 5 lbs, Power 7 watts
- > Capable of operating in extreme environmental conditions
- > Advanced steering and multiple satellite tracking software
- > 10/100 Ethernet interface for Bite/Status/Control
- > Self-alignment for easy installation of antenna

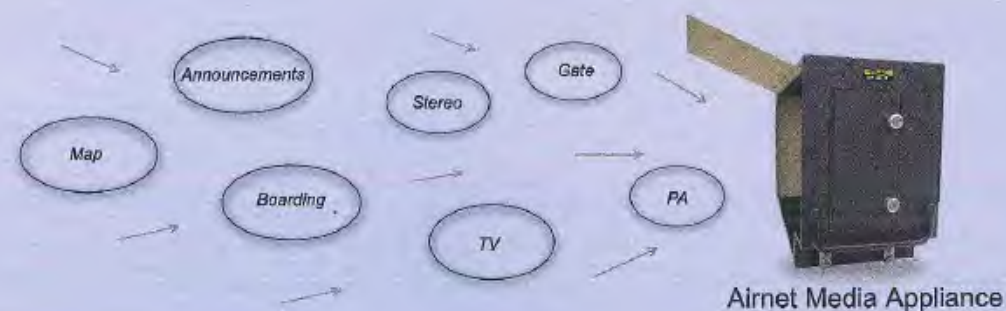
24 Channel TV System Architecture



Features

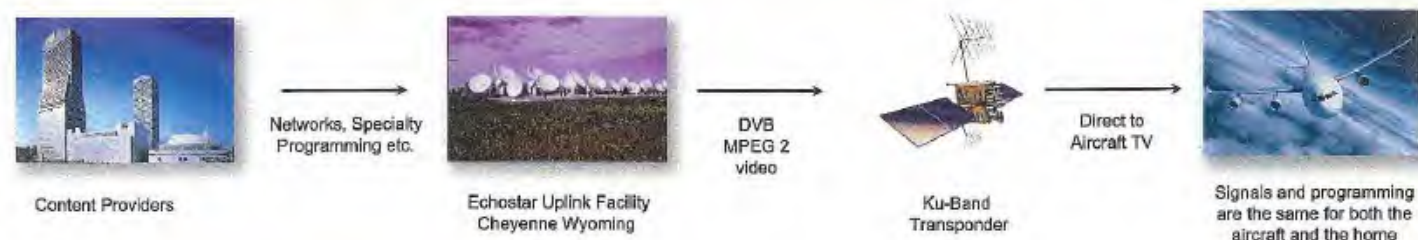
- > Total TV system (24 channels) weight less than 120 lbs
- > Total TV system power < 450 watts
- > Total number of units
- > (1) Antenna
- > (4) 4MCU TV receivers (for 24 channels of television)
- > (1) Antenna Control Unit
- > Standard rack mount LRU's
- > Single hole penetration antenna installation
- > Automated self-alignment of antenna
- > Turn-key installation package and certification

Integrated Airborne TV System



- > Moving Map
- > 8 Stereo audio program channels
- > 2 independent video outputs with dual language capability
- > All digital media with 50 hours of content storage
- > Text & graphics overlay capability including TV
- > Live Dish Network™ TV
- > Single analog video input
- > Small lightweight 4 MCU package
- > Total system power under 100 watts
- > Fully automated with ITAN'S Virtual Flight Attendant™

Airnet DBS TV Using a Common Infrastructure



System Advantages

- > Extended Service Life
- > High Reliability
- > Highest Picture Quality
- > Compatible with all existing IFE Systems
- > Eliminates Costly Programming Distribution

**intheair
net**
Making Content Fly™

For more information visit us at www.intheairnet.com or call 949.442.2300

The Age of Digital TV has Arrived

AIRNET DBS TV SYSTEM



24 channel AirNet DBS TV System

Lowest profile antenna/radome

Advanced satellite tracking

High performance antenna

Digital/Analog receiver

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net**
Making Content Fly™

AMA Multi-Functions Summary

AUDIO	VIDEO	MAP	GRAPHICS	OPTIONS
Up to 1,000 Hours	Up to 100 Hours	Digital Hi-Res Satellite Images	Overlays (e.g. Fasten Seatbelt)	Broadcast TV
Up to 17 Stereo or 34 Mono Channels	2 or 4 Video Channels, Dual Language or Stereo	5-100 Meter Pixel Resolution	Watermarking	16 Stereo or 32 Monaural Channels
PA Channel	2 Video Inputs (camera, VTR)	Location Finder & Pilot's 3D View	Advertising/Ad Inserts	2 Video inputs 4-6 Video outputs
MP3/MPA Formats	PAL or NTSC Broadcast Out	View Cities, Airports and Landmarks	Electronic Placard	Storage of Encrypted Content
Boarding Music	MPEG 1, 2 or 4 Formats	Day/Night, Time Zone & Globe Views	Connecting Gate, Flight Information	Content scripting via the VFA Configurator
Programmable Volume Settings	Support of Encrypted Content	Customizable Labels	Airline Customized (e.g. Logos)	Manual Control or Automatic Operation

Airnet Media Appliance Features

Airbus Technically Offerable
Exceeds WAEA Digital Media Recorder (DMR) Spec.
"Hands-Free" Operation
Small, Light, Low Power Package
Self-Cooled

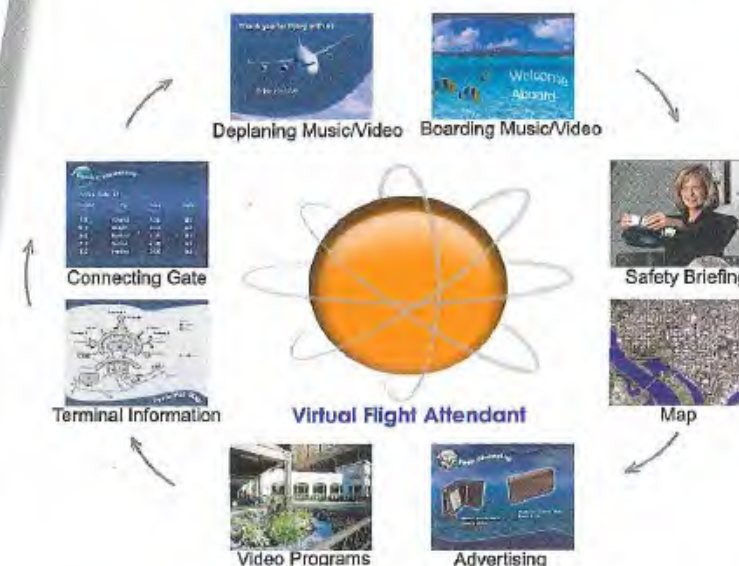


Media Data Loader Features

Fast and Easy Content Loading of AMA
Controls AMA Operation
DVD Load Mechanism



Virtual Flight Attendant™



Features

- > Automate Flight Attendant Video and Audio Controls
- > Automate Content Availability and Removal
- > Automate Content Choices Based on City Pairs/Flight Numbers
- > No Flight Attendant Interaction Required
- > Manual Override Available
- > Scripted Operation

Airnet PaxMap

The next generation passenger map product, offered with the AMA, AirNet PaxMap provides satellite imagery from 1 km down to 5 meters per pixel resolution.



Features

On In-Seat Monitors or Laptops:

- > Interactive Passenger Interface
- > Select from a Variety of Interesting Views
- > Roam & Zoom Anywhere in the World
- > Follow Flight Progress
- > View Flight Status Information
- > Measure Distances between points

On Overhead Video Monitors:

- > Automatic Hands-Free Operation
- > Follows Flight Path
- > Show Distance/Direction to Points of Interest
- > Event-Based Graphics Display
- > Connecting Gate Information
- > User-Configurable Script Controls

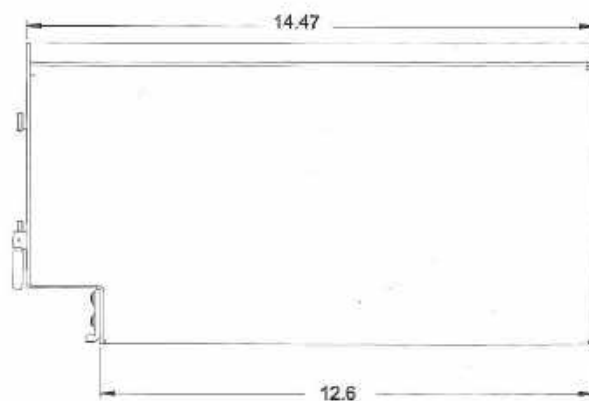
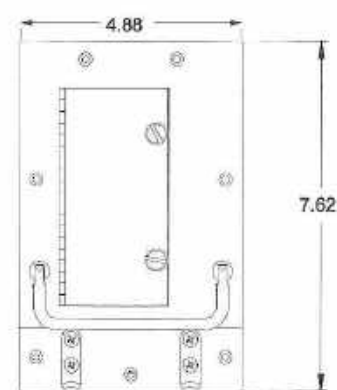
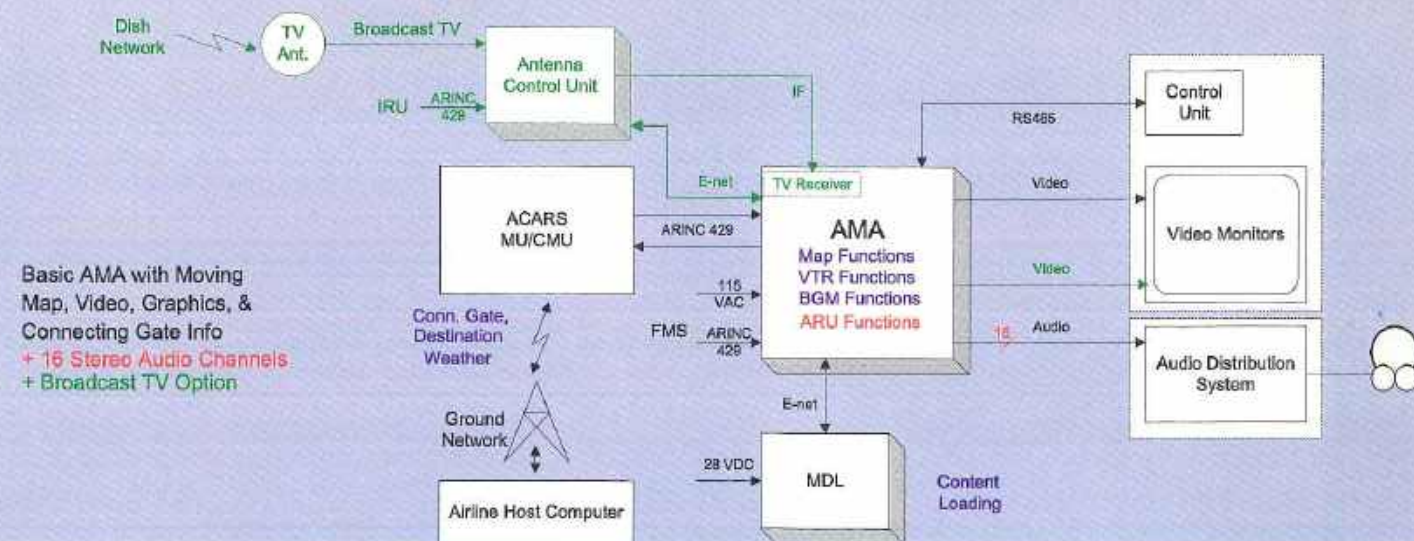
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Making Content Fly™

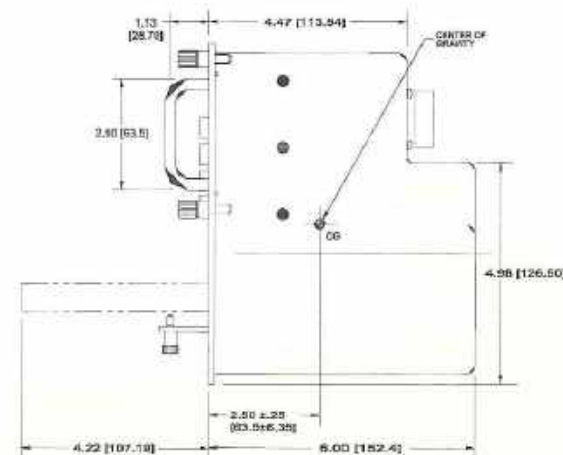
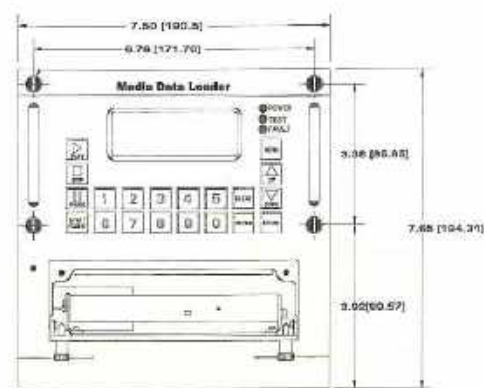
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Airnet Media Appliance Scalability



AirNet Media Appliance™



Media Data Loader II™



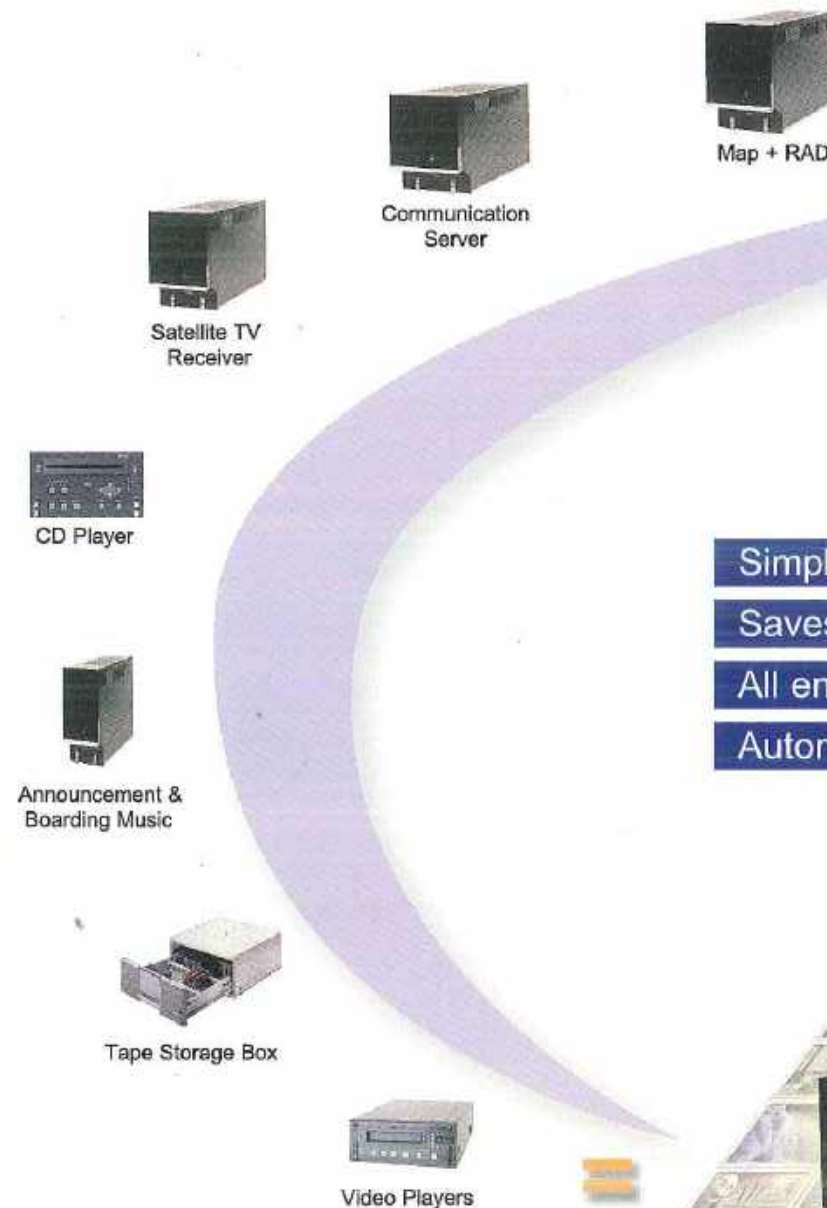
Making Content Fly™

For More information please visit www.intheairnet.com or call us at 949.442.2300

Less is More...

Less cost, less power, less space, less weight

AIRNET MEDIA APPLIANCE



Simple user friendly operation

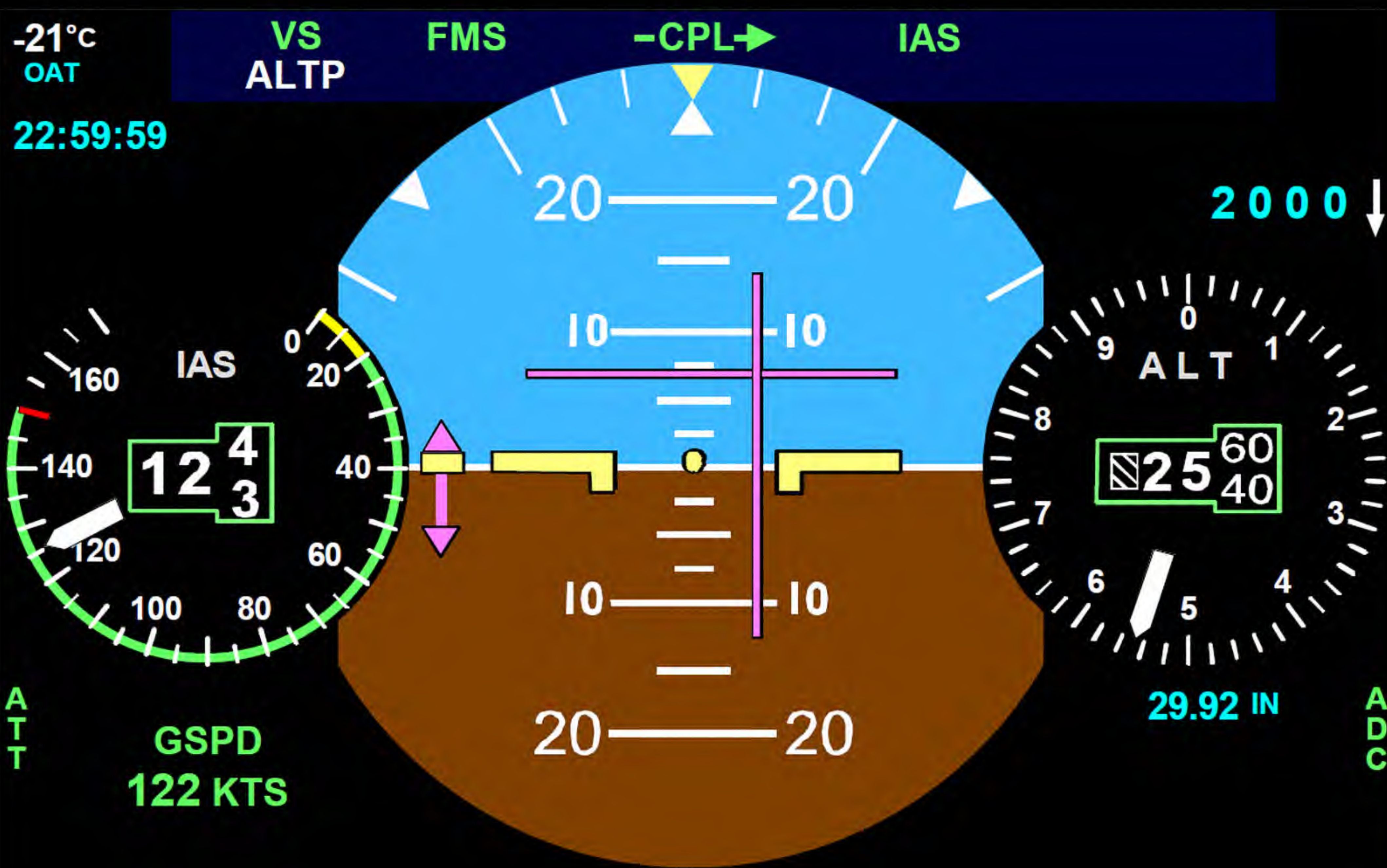
Saves \$\$\$ over analog players

All entertainment needs in one unit

Automate the flight crew workload



Making Content Fly™



Series 500 EFIS 520 (5ATI)

SPECIFICATIONS

- Weight 7.75 lbs. max
- Power 28VDC (28Watts)
- Symbol Generator Self-contained
- Display Color active matrix LCD
- Aircraft Interface Analog/Digital
- Aircraft Application Flexible On-screen configuration (Same part number)
- Maintenance Full-time BITE/On-screen Diagnostics
Easy R&R configuration
- Form ARINC 408 5ATI (5"x5"x9.7")
- Connectors (3) MIL-C-38999 Series III (79 pin)
- Reliability 9,000 hours MTBF

I/O INTERFACES

General I/O Capability: Analog Synchro (XYZ, Sin/Cos), Variable AC/DC, Discretes, and Digital ARINC 429, 419, 453, RS-232, GPS/FMS

System	Configuration	Architecture I/O type
■ AHRS		
■ ATT	Single or Dual	Gyro (VG & DG Synchro) , AHRS (429), INS (429)
■ VOR/ILS	Single or Dual	Synchro (XYZ or Sin/Cos), ARINC 429
■ MB	Single or Dual	Analog or ARINC 429
■ ADF	Single or Dual	Analog or ARINC 429
■ DF	Single	Analog or ARINC 429
■ DME	Single or Dual	ARINC 419
■ TACAN	Single or Dual	Synchro or ARINC 429
■ Rad Alt	Single or Dual	Analog or ARINC 429
■ Wind shear	N/A	Discretes
■ TCAS I or II		ARINC 735 Compliant
■ TAWS		ARINC 453 Wx compliant output, ARINC 429 input
■ LNAV/FMS	Single or Dual	ARINC 429 (On-screen configuration for all listed)
■ Weather Radar		ARINC 708 Compliant
■ AFCS	Single or Dual	Analog or Digital AP / FD

CERTIFICATION STANDARDS

- DO-178B Level A software application
- DO-160D Level environmental qualification test
- HIRF 200v/m, Lightning-Category A3
- Misleading critical data less than 10⁻⁹ events
- TSO Certifications: C3d, C4c, C5e, C6d, C8d, C9c, C34e, C35d, C36a, C40c, C41d, C52b, C63c, C66c, C67, C87, C92c, C113, C117a, C118, C119b, C129a, C147, C151a.

HARDWARE

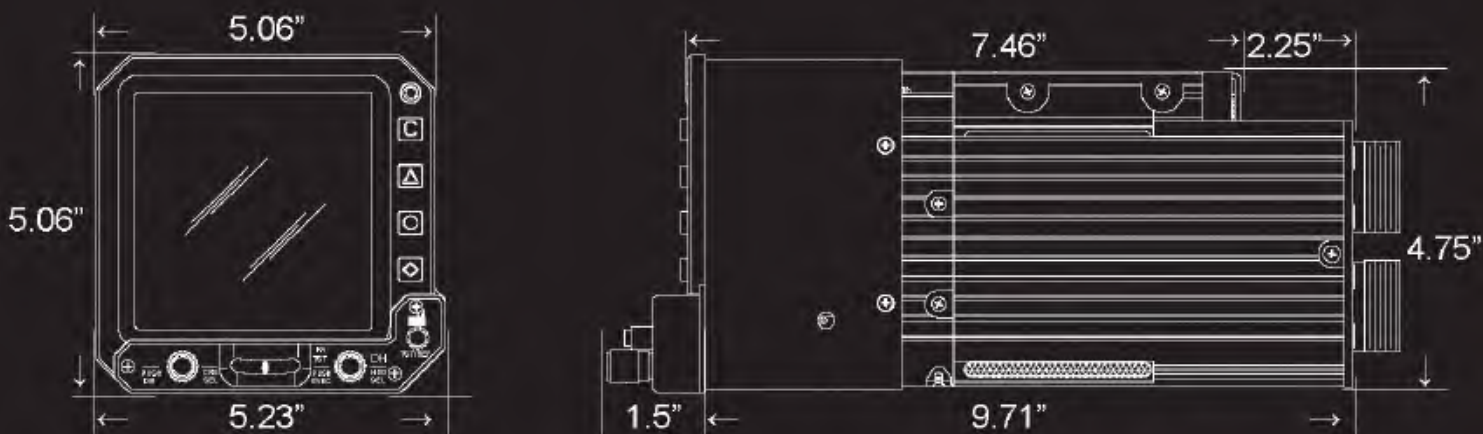
- Signal Processing
Embedded microprocessors, microcontrollers, DSPs, Motorola

Typical Brand types

Archangel ADAHRS
LITEF, Collins AHRS, Honeywell INS, Honeywell C-14a, BFGoodrich VG-208
Gold and Silver Crown - Collins VIR-32 and VIR 432, Bendix/King KX-165, KN-40, KN-5
Bendix/King KR-21, VIR-32 and VIR-432
Collins ADF-60A, Bendix/King KR-87
Chelton DF-831
Collins DME-42, Bendix/King KDM-706A

Honeywell AA 300z/KRA-405, Collins Rad, Collins ALT-55

Honeywell TCAS II, Collins TTR-920, ACAS, TCAS I, Ryan TCAD, and more
All Honeywell EGPWS, ACSS T2CAS, and many more.
CMC -900 & CMC 9000, Bendix King, Garmin 155/165
Garmin 430/430W/530/530W, Trimble 2101 I/O Approach GPS, Racal AMS-2000 FMS, Universal UNS-1C FMS, Global/Honeywell GNS-XLS FMS, KLN-900, NADIR Z
Bendix/King RDR-2000, Telephonics RDR-1400/RDR-1600 with ARINC 453 I/O
Honeywell FZ-702, KFC-400, KFC-500 and more.



Series 500 EFIS 520 (5ATI)

TSO'd



The Series 500 EFIS Display System has evolved to provide the ever increasing informational needs of aircraft in the digital age. The Series 520 Display System consists of up to four programmable self-contained 5 ATI Displays and an optional external course heading select panel.

The system interfaces with both analog and digital sensors to provide a certified display system capability of primary EADI and EHSI functions with selectable multi-function, multi-platform adaptability.



Flight Mode



ADS-B Mode

Features

- Large format 10.4", high-quality AMLCD Flat Panel Display
- Vertical Coupling for non precision and WAAS approaches
- Integrates as many as 75 instruments and indicators
- State-of-the-art microprocessors and electronics
- Integration with multiple aircraft systems
- Round dial IAS and Baro Altitude - Helicopter
- Vertical Indicator IAS and Baro Altitude - Fixed Wing
- EGPWS, TCAS, Video, Wx, GPS route map
- Approach to Hover, Doppler Hover modes
- Systems, Configuration, checklists pages

Sources

- ADS-B / TCAS
- Blue Force Tracking
- Electro-Optical (EO) / Infrared (IR)
- Radar - Weather or Tactical
- EGPWS

Interfaces

- Basic T
- Heading
- Tracking
- GSPD
- BARO
- HDG
- ALT
- DIS
- OAT
- VSI
- Compass
- Air Speed
- Engine Instruments
- Maintenance
- Systems
- Fuel
- Electrical
- Hudraulics
- Mission
- ADS-B Mode-S Transponder

Benefits

The advantages offered by the Series 600 System are considerable. Each display unit contains identical hardware and software allowing flexibility for it to be used in any cockpit location of the aircraft. The resulting function is determined by the aircraft interconnect position strapping. This simplifies customer procurement and minimizes sparing levels by maintaining a common part number.

As a result of the common design philosophy, each display unit incorporates all of the same input and output signals, thus offering greater redundancy with full system functionality in the event of a single display failure. Also, flexibility across fleets with various aircraft platforms is provided through customer configuration settings by their maintenance personnel.

The display units are "smart" displays containing all the electronics with pilot selectable bezel buttons and soft keys. This eliminates numerous remote boxes, minimizing power, weight, saving cockpit panel space and simplifying aircraft installation and checkout. The 6" x 8" display format easily allows for display of video information on the top half of the display while simultaneously displaying the navigation map and/or weather radar below.

Each display unit is capable of receiving three different video signal types (including FLIR) and providing three buffered outputs to support special mission applications. Both NTSC and European PAL video formats are supported.



Arc/Map/Wx



FLIR/Wx/Map/MFD



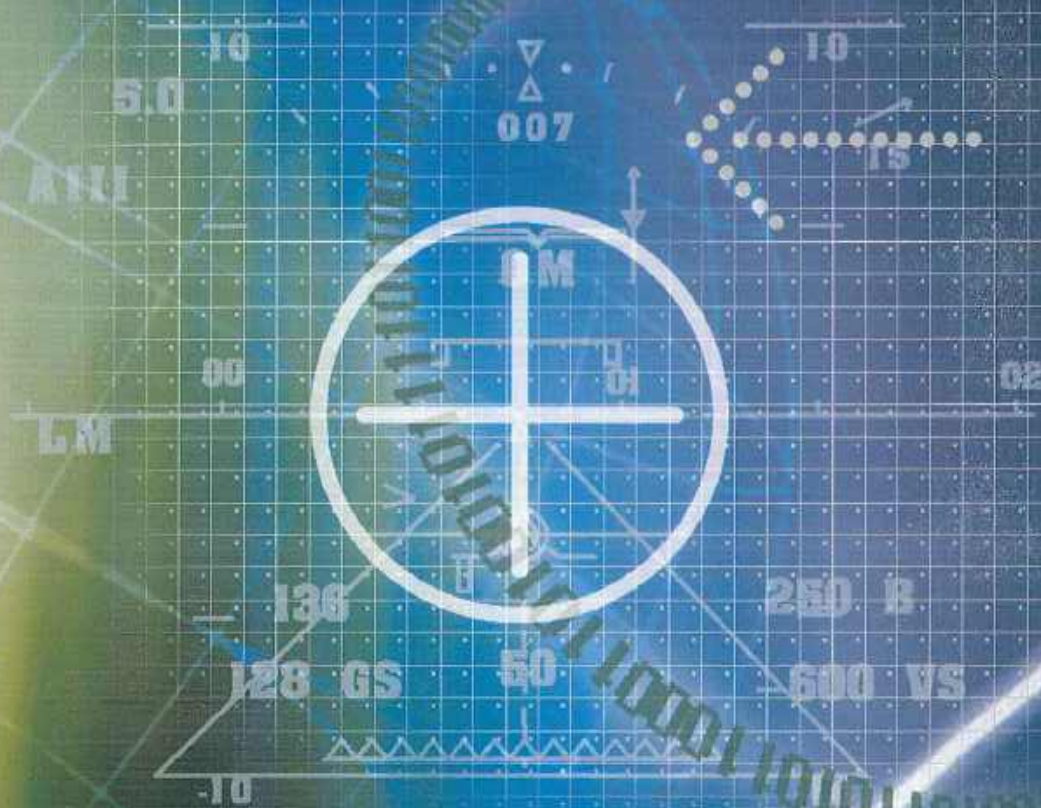
Synthetic Vision/Map/ADS-B



Camera/TAWS



BAVARIA
KEYTRONIC
TECHNOLOGIE
GMBH



Technology
Innovation
Reliability