

# AIRMONT

HIGHLY CONNECTED

## HARDWARE & SOFTWARE FOR BUSINESS AVIATION AVIONICS

Enabling Airmont TV and Streamtime Services

SOLUTION WITH:

**Honeywell**

### Gateways



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P/N: SFW-001

P/N: HDW-030

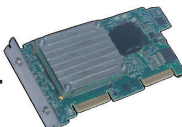
#### Airmont Gateway as a software add-on to Honeywell GDR

- Supporting more than 10 simultaneous Airmont TV Streams and TV feeds
- DO160 Qualified hardware

### Viewers



+



P/N: SFW-006

P/N: HDW-005

#### Airmont Decoder as AVDS P/N 110-0056-XX card

- Provide 1 stream available to all display connected to AVDS
- Controlled via Browser remote control available via QR code
- Supports Airmont-TV

Players for PED



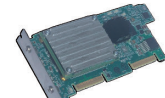
SOLUTION WITH:

**Innovative Advantage**

### Gateways



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P/N: SFW-001

P/N: HDW-005

#### Airmont Gateway as a software upgrade: for aircrafts with unused AVDS board

- P/N 110-0146-XX installed on AVDS chassis
- Supporting more than 5 simultaneous Airmont TV Streams and TV feeds



P/N: HDW-005

#### "Stand-alone" Airmont Gateway in a 4-slot AVDS node P/N 100-0143-03 / AVDS node 4 + Gateway Card + 2 Decoder Cards + 1 SDI output cards

- Supporting more than 5 simultaneous Airmont TV Streams and TV feeds with 2 monitors and Additional Players on PEDs
- DO160 Qualified hardware



P/N: HDW-005

#### "Stand-alone" Airmont Gateway in a 8-slot AVDS node P/N 100-0120-02 / AVDS node 8 + Gateway Board + 5 Decoder Card + 2 SDI output cards

- Supporting more than 5 simultaneous Airmont TV Streams and TV feeds
- DO160 Qualified hardware

### Viewers



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P/N: SFW-006

P/N: HDW-005

#### Airmont Decoder as AVDS P/N 110-0056-XX card

- Provide 1 stream available to all displays connected to AVDS
- Controlled via Browser remote control available via QR code
- Supports Airmont-TV

Players for PED



### ABOUT US

Airmont develops innovative solutions that enable a seamless digital experience for mobile users while being on land, sea or air throughout the world. With a commitment to innovation and a focus on delivering exceptional customer experiences, we have become a major service provider in our industry.



# AIRMONT

HIGHLY CONNECTED

SOLUTION WITH:



## Gateways



### Airmont Gateway as a software add-on to DPI Labs MMS

- Supporting more than 20 simultaneous Airmont TV Streams and TV Feeds
- DO160 Qualified hardware

P/N: SFW-001

P/N: HDW-031

## Viewers

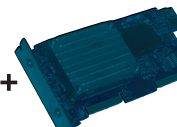


### Airmont Decoder as a software upgrade on DPI Labs MMS

- DO160 Qualified hardware

P/N: SFW-001

P/N: HDW-031



### Airmont Decoder as AVDS P/N 110-0056-XX card

- Provide 1 stream available to all displays connected to AVDS
- Controlled via Browser remote control available via QR code
- Supports Airmont-TV

P/N: SFW-006

P/N: HDW-005

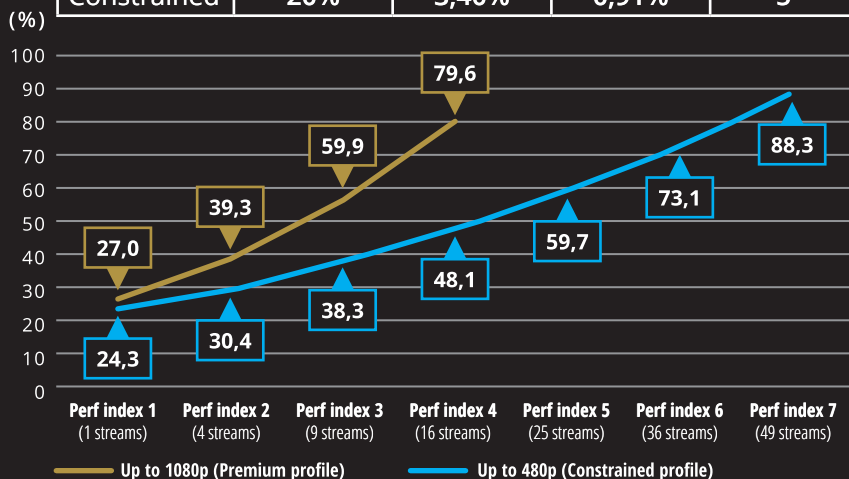
Players for PED



## STREAMING PERFORMANCE AND SCALABILITY UNDER FIXED CPU ALLOCATION

Demonstrating the scaling of CPU utilization as the number of concurrent streams increases—in the case of the Airmont gateway on Innovative Advantage's AVDS avionics. Lower-resolution encoding significantly improves capacity, enabling substantially more parallel streams. These results support effective system sizing and capacity planning for live TV deployments.

| Processor usage | Base processor usage | 1st stream on WAN | Additional streams on LAN | Perf index |
|-----------------|----------------------|-------------------|---------------------------|------------|
| Premium         | 20%                  | 4,44%             | 2,62%                     | 3          |
| Constrained     | 20%                  | 3,40%             | 0,91%                     | 5          |



## AIRMONT ON BOARD REQUIREMENTS

### Airmont Infrastructure



CLEARED  
LINEAR  
TV STREAMS



AIRMONT CAST SERVER



INTERNET

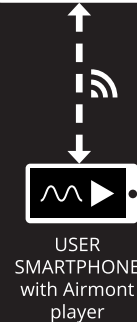


TELEPORT



SATELLITE

### AIRMONT GATEWAY VM ROUTER/AV SERVER



USER  
SMARTPHONE  
with Airmont  
player



AIRMONT DECODER



TV DISPLAY

### Private Aircraft



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