

# ***Universal Video Surveillance System***

 **A SAFER POINT OF VIEW**



**KIDSYSTEME** 



## ***Exceed your customers' expectations***

The product is designed to be aircraft type and manufacturer independent to enable a fleet-wide deployment of a common video surveillance solution for airline customers. UVSS offers all airlines a system with customisable functionalities to consider individual expectations and needs. It also provides a solution that makes passengers feel safe.

Don't miss any event in your cabin! UVSS is applicable in many different ways. Infrared illumination capability to enable system operation in low light conditions and movement detection to reduce the amount of storage space on the airplane are just two possible options. The technical support of analytics and data management helps to recognise and prevent individual problem situations in the cabin.

Since 2018, UVSS has been in service on Boeing B777 and Airbus A380 meeting the highest quality standards. KID offers enhanced cabin comfort and no disturbance of the passenger with the ease of handling and dependable functionality.

UVSS from KID is Made in Germany.

## ***Product highlights***

Airline customers benefit from easy installation and a mature system architecture, based on the Airbus A350 XWB family Video Surveillance system already in service including Seamless Video Surveillance in your cabin, cargo and cockpit.

The fireproofed housing, the high-definition standard and watermarked material make KID's system the most advanced system on the market today.

The whole system is hosted on a high-performance multipurpose platform. Giving you the ability to turn data into information and setting standards for the future of passenger cabins.



### **Long Time HD Recording**

Video recording of up to 40 cameras in high definition and with watermarks enhances flight safety



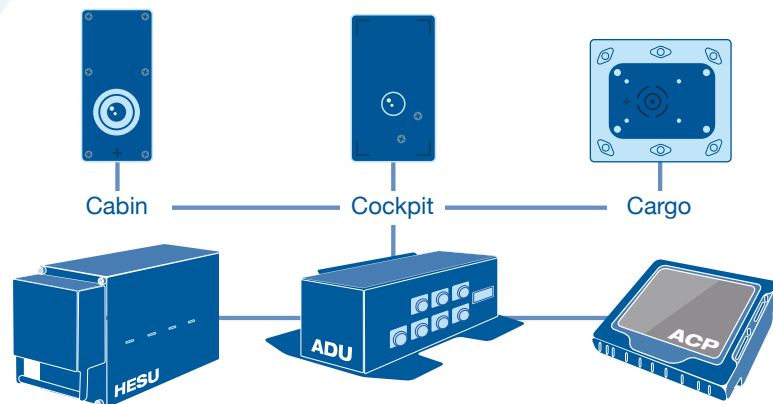
### **Connectivity**

Transmission of video material during flight and on the ground enables fast decision-making in the event of incidents



### **Analytics**

Benefit from our holistic solution, which includes video analysis and evaluation, as well as data management and storage



## Product overview

### Cameras

Different types of cameras make keeping track of security on the plane easier and provide reassurance for passengers during a flight. Cabin cameras provide the view into the cabin. Flight deck cameras with infrared allow supervision of the cockpit doors for the pilots. Cargo cameras allow supervision of the cargo compartment.

### Head End Server Unit

The HESU G2 is a universal aircraft server based on Intel Core i7 quad-core processor technology. High computing performance combined with high-speed network connectivity and huge storage capacity are key features supporting the UVSS applications.

### Area Distribution Unit

The ADU is a high-performance switching unit collecting the audio and video streams and providing the power supply for the cameras. In addition, the first ADU of the first chain hosts the web pages for the UVSS ACP.

### Attendant Control Panel

The ACP provides a graphical user interface and external interfaces such as Ethernet to operate the system as well as maintain the KID Universal Video Monitoring System.

## Cameras

## Head End Server Unit

## Area Distribution Unit

## Attendant Control Panel



### Cockpit Cam:



200 g

W 61 mm  
H 130 mm  
D 23 mm

**Field of view**  
horizontal 115°  
vertical 86°

**Wide dynamic range**  
(0.01–50,000 lux)

Adaptive IR illumination  
Highly sensitivity microphone

### Cabin Cam:



200 g

W 61 mm  
H 106 mm  
D 33 mm

**Field of view**  
horizontal 115°  
vertical 86°

**Wide dynamic range**  
(0.01–50,000 lux)

Highly sensitivity microphone

### Cargo Cam:



850 g

W 195 mm  
H 170 mm  
D 45 mm

**Field of view**  
horizontal 89°  
vertical 67°

**Wide dynamic range**  
(0.01–50,000 lux)

Adaptive IR illumination  
Highly sensitivity microphone  
Fire- and halon-resistant housing



*Cameras*

*Head End Server Unit*

*Area Distribution Unit*

*Attendant Control Panel*



### ***Head End Server Unit***

W 126 mm    2 x Solid State Disk  
H 198 mm    (1 TB, 2 TB or 4 TB)  
D 367 mm

Power:  
115 VAC/100 W



**KIDSYSTEME** 

*Cameras*

*Head End Server Unit*

*Area Distribution Unit*

*Attendant Control Panel*

### ***Area Distribution Unit***



1,000 g

W 280 mm 5 x PoE 10/100Base-T ports  
H 120 mm 3 x 100Base-T ports  
D 255 mm

**Power:**  
115 VAC/45 W



*Cameras*

*Head End Server Unit*

*Area Distribution Unit*

*Attendant Control Panel*



### ***Attendant Control Panel***



2,000 g

W 285 mm  
H 230 mm  
D 40 mm

**Display:** size 10,4"  
resolution 1,024 \* 768  
(4:3)

3 x Ethernet  
1000Base-T  
interfaces

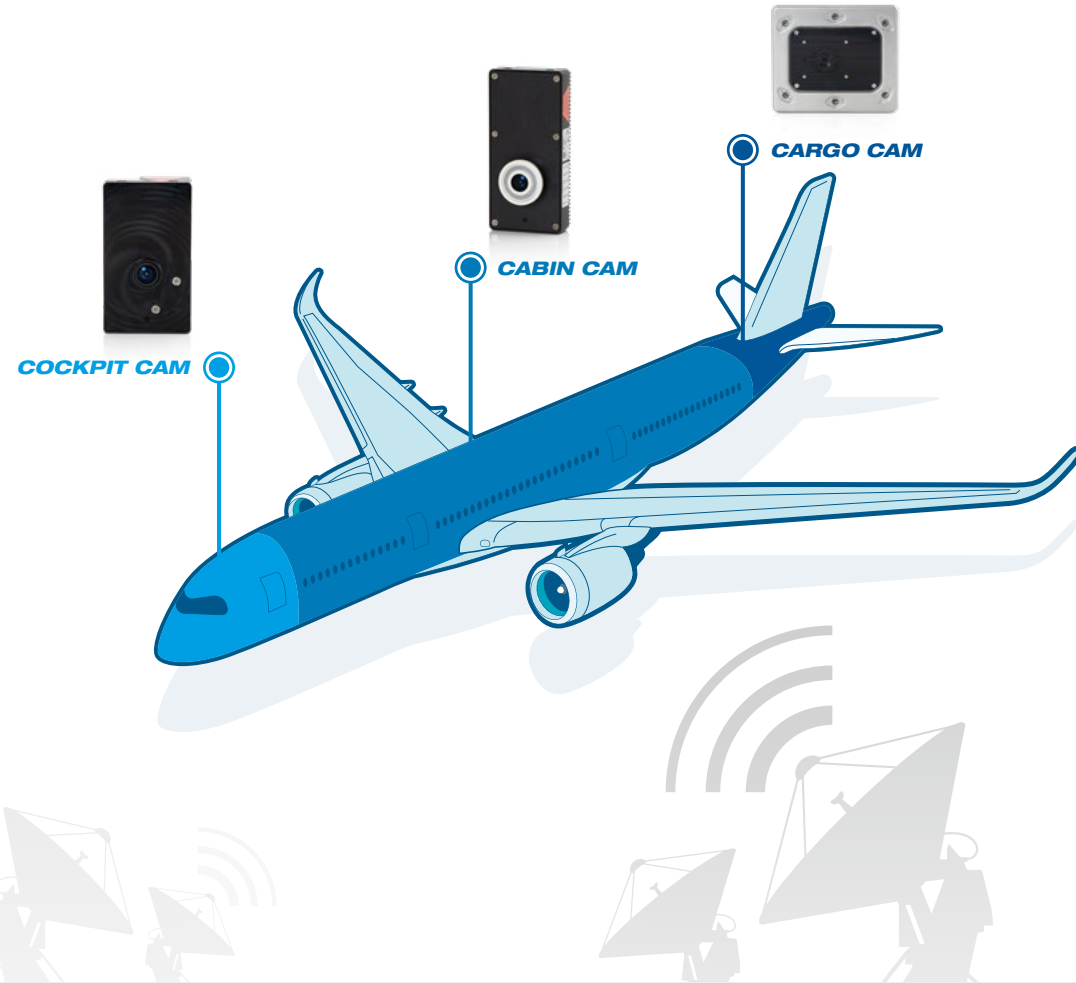
**Power:**  
28 V/35 W

1 USB 3.0  
plug (front)



### ***Turn data into information***

UVSS by KID is the only system on the market that combines video surveillance with an air-to-ground connection. Connectivity during flight and on the ground enables airline security to access videos during operation of the flight. The possibility of data analysis and pattern recognition, combined with the possibility of immediately sharing incidents and dangerous situations with the ground, makes this system unique in its kind and its possibilities for the airline customer.



**KID-Systeme GmbH**

*Lüneburger Schanze 30*

*D-21614 Buxtehude*

*Phone +49 40 7437 1633*

*Fax +49 40 7438 3829*

*info@kid-systeme.com*

**[www.kid-systeme.com](http://www.kid-systeme.com)**

