



Product Overview

Radarcape

Professional ADS-B and MLAT Receiver

Radarcapc ADS-B MLAT Receiver

Radarcapc is a professional ADS-B receiver made for 24/7 operation. High performance reception in a wide temperature range, suitable for all applications in wide area, surface or apron monitoring. Radarcapc comes with optional features for special applications (see table below) and is proven in thousands of client environments worldwide.

Radarcapc offers high quality RF performance and a large reception range with high accuracy, a Linux based firmware and low power consumption. The precision GPS based time stamp is available, and the device can also operate as a Stratum-1 time server. The 50ns deviation timestamp is perfect for Multilateration calculations performed in Jetvision MLAT networks.

Designed as all built-in ADS-B receiver, there is no need for external software. **Radarcapc** can operate as stand-alone device with multi user web browser access. All users have their own settings, filters etc., regardless of access by desktop, tablet or smartphone. Many status and performance pages support and supervise the installation.

For individual applications **Radarcapc** can provide live tracking data to its data interfaces (see decoded formats in the aircraft data output table below). Separately available options provide Eurocontrol ASTERIX protocol with CAT021, CAT023 and CAT247 based on EUROCAE ED129-B.

Radarcapc is the basic ADS-B and MLAT receiver for jetvision commercial solutions e.g. Out- and Indoor or Mobile Sensor Stations.

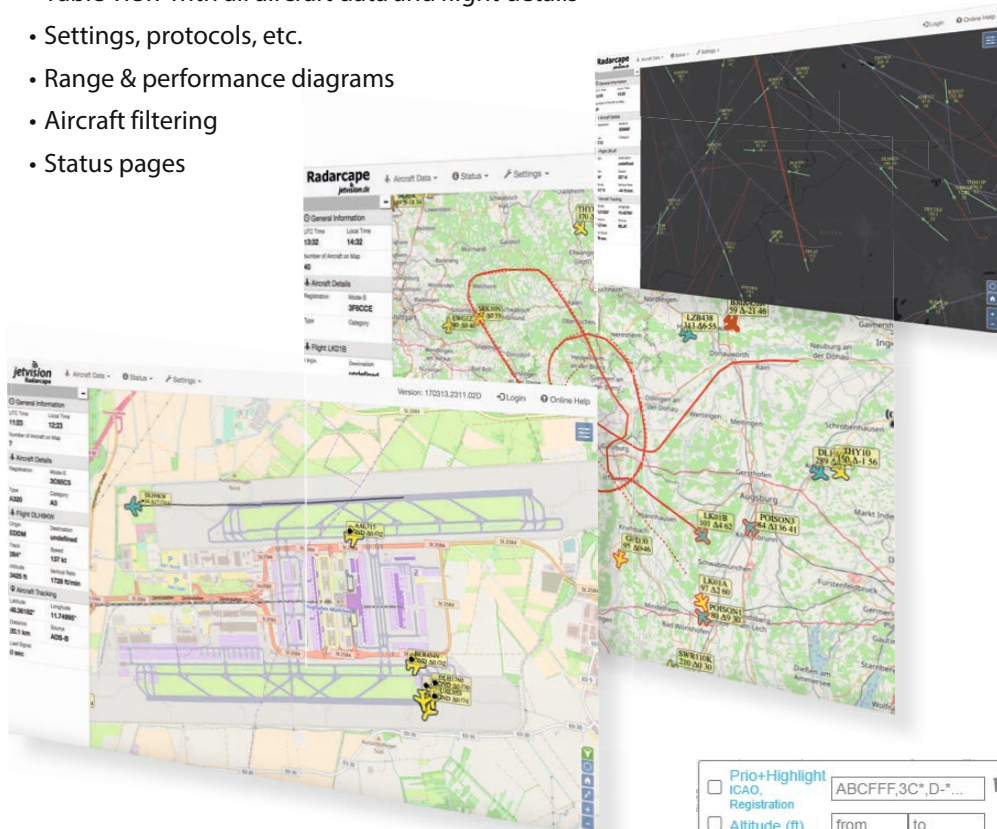
Conclusion:

As a powerful ADS-B receiver **Radarcapc** will support all your requirements for live flight tracking. Stand-alone or in a complex network with MLAT server support, under challenging RF conditions available with optional features like real antenna diversity, high dynamic range at apron or close to the runway.

Web Browser User Interface

(powered by Radarcape)

- Different map styles including ATC and OpenLayers
- Table view with all aircraft data and flight details
- Settings, protocols, etc.
- Range & performance diagrams
- Aircraft filtering
- Status pages



With its versatile filter functions each client can setup and filter various conditions including:

- Center screen to home location
- Keep selected aircraft in the center of the map
- Filter on altitude, speed, distance...
- Filter on flight, aircraft type, fleet watch
- Select data source e.g. ADS-B, MLAT, FLARM, OGN
- Setup track length, refresh interval
- SQUAWK

<input type="checkbox"/>	Prio+Highlight	ABCFFF,3C*,D*...	<input type="button" value="X"/>
<input type="checkbox"/>	ICAO, Registration		
<input type="checkbox"/>	Altitude (ft)	from to	
<input type="checkbox"/>	Speed (kt)	from to	
<input type="checkbox"/>	Distance (km)	from to	
<input checked="" type="checkbox"/>	Ground Traffic		
<input type="checkbox"/>	Flight	e.g. DLH1330 or DLH*	
<input type="checkbox"/>	Squawk	List, octal 1000,7700,...	
<input type="checkbox"/>	Origin	List of Airports EDDF or ED*	
<input type="checkbox"/>	Destination	List of Airports e.g. LIRA or LIR*	
<input type="checkbox"/>	Operator	List of Operators	
<input type="checkbox"/>	Aircraft Type	e.g. A320 or A32*	
<input type="checkbox"/>	Fleetwatch	ICAO, Reg ABCDEF,D*,DEF123,...	
	Track Length (s)	auto	
<input checked="" type="checkbox"/>	ADS-B	<input checked="" type="checkbox"/> MLAT	<input type="checkbox"/> F1Aw
		<input type="checkbox"/> OGN	<input checked="" type="checkbox"/> FLARM
	Preferred Source	Auto	
	Refresh Interval	2s	
<input type="button" value="Apply & Close"/>			

Radarcape Technical Data

Radarcape Hardware	
Trimble Resolution SMT GPS module	GPS localisation and timestamps with a resolution better than 50 ns 1σ (15 m)
Linux Core	AM335x 1 GHz ARM Cortex-A8 512 MB DDR2 RAM, 4 GB eMMC USB host port, USB device port
Sensitivity	-93 dBm signal level for 50 % decoding rate or better
Decoding	FPGA based decoding
USB expansion port	SDR sticks, measurement devices, data storage systems, WiFi stick.
Temperature range	Tried and tested in a wide temperature range
Power	Low power consumption, typical 3 W (external power supply)
Extensions	Open design for customer extensions
Hardware options	<ul style="list-style-type: none"> • Antenna diversity (2 separate RF units) • High Dynamic Range (HDR) • Video out (ADS-B analog signal) • External clock input (10 MHz)
Aircraft Data Output	
Raw Mode-S data	<ul style="list-style-type: none"> • Non-decoded raw data available for formats DF-0, DF-4, DF5, DF-11, DF-17, DF-18, DF-20 and DF-21 • AVR-Hexdump or Beast-Binary formats • 12 MHz counter legacy timestamp or GPS based absolute timestamps
Decoded data formats	<ul style="list-style-type: none"> • Port 30003 CSV style format • JSON format • Eurocontrol ASTERIX CAT 021, 023, 247, licensed separately • HTML web GUI • KML format
Decoded information	<ul style="list-style-type: none"> • Aircraft data: ICAO hex code • Flight parameters: location, altitude, speed, track, vertical rate • Flight ID, Squawk • BDS registers (partly) • Signal level ... and many more
Accessibility	<ul style="list-style-type: none"> • TCP connection • UDP streaming • USB VCP serial interface

Remark:

Jetvision MLAT server supports the same data interfaces structures as Radarcape, integrating results from multiple sensors.

Radarcape Software Features

Firmware - Integrated Webserver	
Decoding	High performance FPGA based decoding (Mode-S, ADS-B and Mode-A/C data on 1090 MHz)
Operating system	Linux Debian 10 operating system
User interface	Web browser access with web interface (built-in webserver, compatible with all common browsers, responsive design)
Map styles	Real time flight tracking in 2D map view (ATC or OpenLayers Maps style)
Table style	Real time flight table update
Multilateration	MLAT via Jetvision network
Feeder	Multiple built-in feeder options (Flightradar24, FlightAware, Opensky Network, PlanePlotter, ADS-B Exchange)
FLARM®	External FLARM® receiver connectable by LAN or Micro-USB
Open Glider Network (OGN)	Aircrafts tracked by OGN network can be displayed
Network interfaces	Multiple network interfaces (TCP, UDP, USB-VCP, USB-RNDIS)
Data formats	Multiple pre-decoded and raw data output formats (JSON, ASTERIX (*1), CSV, KML, Port 30003, raw data)
Time server	Stratum 1 NTP server

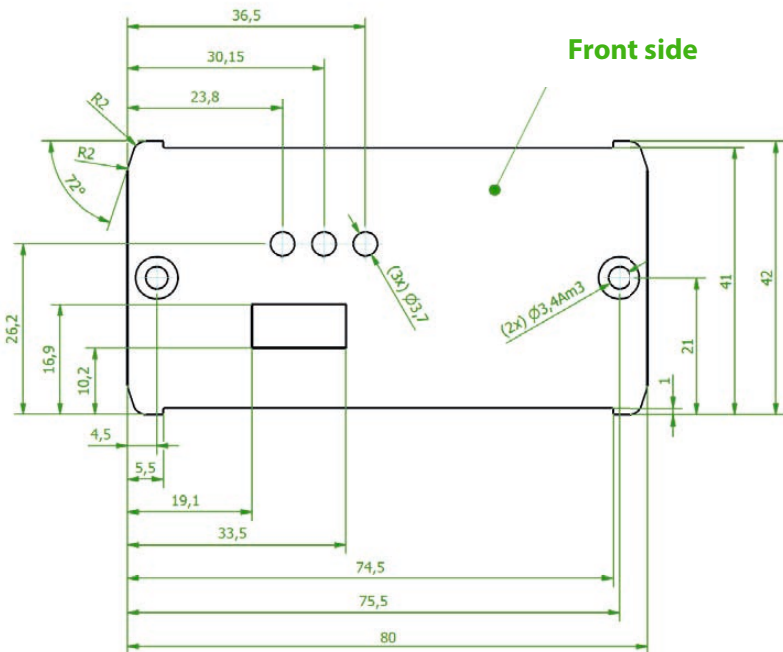
Powerful Software Options

<ul style="list-style-type: none"> Aircraft Data Status 	<ul style="list-style-type: none"> Status Settings About 	<ul style="list-style-type: none"> Settings About
<ul style="list-style-type: none"> Aircraft List Live 2D OpenLayers Map Live 2D GMap 	<ul style="list-style-type: none"> System Jetvision MLAT Network Data Ports Database Update GPS 	<ul style="list-style-type: none"> General Jetvision MLAT Feeder Settings External Sources Settings Streaming Data Output Save & Restore Configuration Network Software Maintenance Change Password Reboot
<ul style="list-style-type: none"> 3D Tracks Live 3D KML Output KML Output Filter Settings 	<ul style="list-style-type: none"> External Sources Open Glider Net Server Connection Open Glider Net Local Receiver Connection 	
	<ul style="list-style-type: none"> Feeder Flightradar24 PlanePlotter FlightAware Opensky Network 	

Radarcape Basics

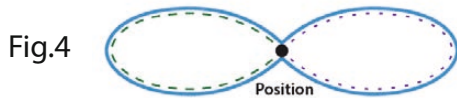
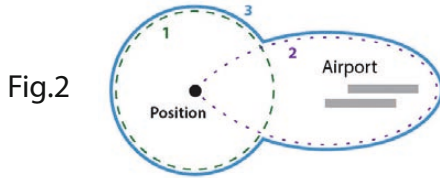
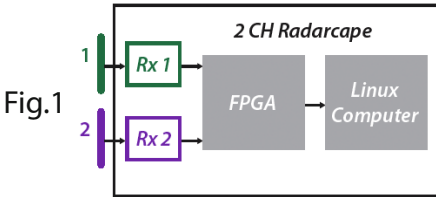
Radarcape Basic Data	
Power	5 V external power supply, 5.5/2.1 mm DC connector
Dimensions	92 x 80 x 45 mm (L x W x H)
Weight	300 g
CE and FCC certified	CEE and FCC
ROHS conform	Yes

Radarcape Delivery Includes	
Radarcape	Hardware options must be ordered separately
Power supply (5 V)	4 types of wall plugs: EU/ US/ Australia/ UK shipped according to destination country
Network cable	5 m, CAT-5
GPS antenna	Cable length 5 m, extension 5 m and 10 m available
Commercial Options	Asterix CAT 021, Ed. 0.23/0.26/2.4, CAT 023, CAT 025, CAT 247 MLAT configuration fully flexible

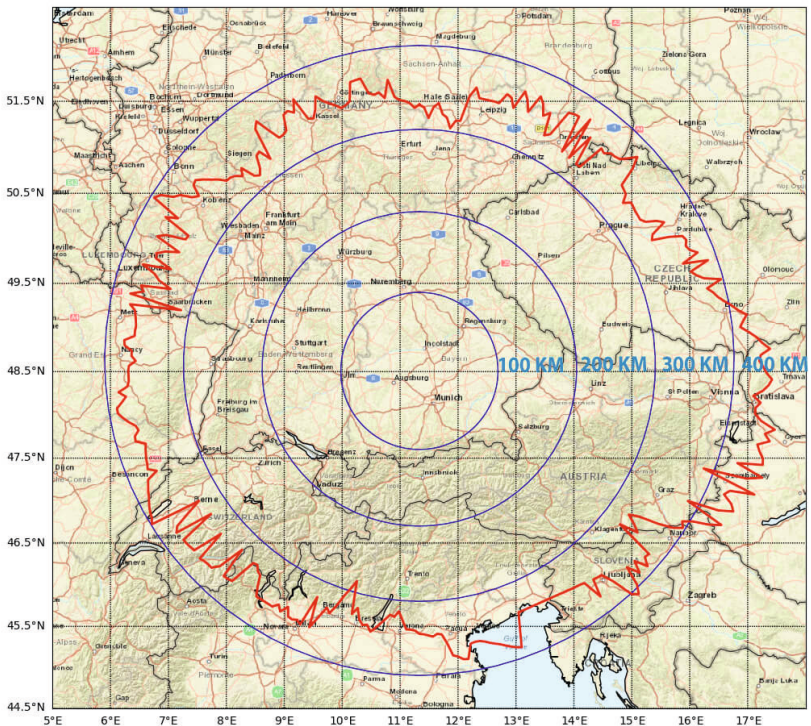


Radarcape Antenna Diversity (optionally)

Using the Radarcape two channel (2CH) option (Fig.1) provides best results in difficult surroundings. Many problems can be solved, e.g. a favorite direction to observe a hot spot (Fig.2), antenna on a tower with blocking view (Fig.3) or a directional / long range extension (Fig.4).



Radarcape 2CH with YAGI antenna direction 110 degrees (Munich airport) - Range > 400Km



Radarcape Type Comparison

Check out all available Radarcape options:

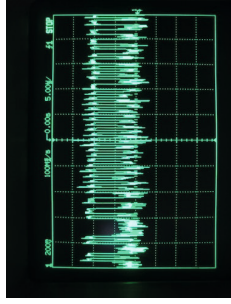
Jetvision Radarcares Type Overview	See Note	Article Number	RF Units	Antenna Inputs	GPS Module	Video Output	External 10MHz Reference + 1PPS
Radarcape		66006	1	1	•		
Radarcape High Dynamic Range (HDR)	(1)	66006HDR	2	1	•		
Radarcape Antenna Diversity (2CH)	(2)	66006D	2	2	•		
Radarcape Video Out	(3)	66006V	1	1	•	•	
Radarcape 2CH + Video Out	(2, 3)	66006DV	2	2	•	•	
Radarcape Video Out + ext.Clock + 1PPS	(3, 4)	66006VC	1	1	•	•	•
Radarcape 2CH + Video Out + ext. Clock + 1PPS	(2, 3, 4)	66006DVC	2	2	•	•	•

Notes:

- (1) For applications with aircraft closer than 300m to the antenna.
- (2) Antenna diversity. 2 RF channels with two antennas. For complex situations e.g. reflections, one priority direction (with Yagi antenna) etc.
- (3) Video out: SMB connector with video out signal to check signal quality.
- (4) 10 MHz clock input: External 10 MHz reference clock and 1PPS input for a reference clock-based environment.
- (5) Wifi with external WifiStick



Front panel

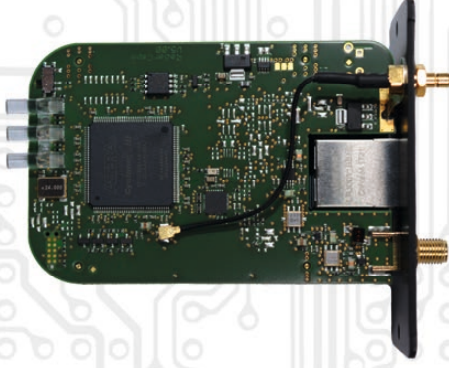


Video out

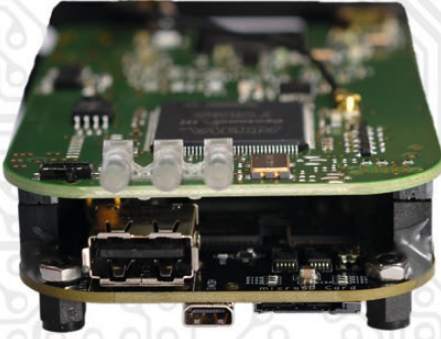


Rear panel
Diversity with Video Out

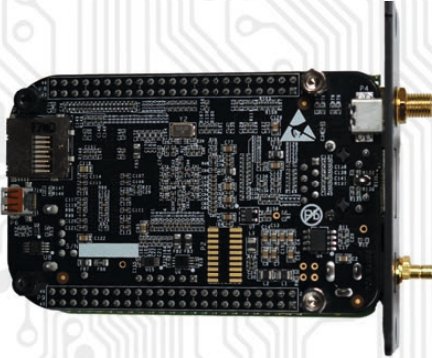
Radarcape Inside



ADS-B Demodulator



Cape



CPU

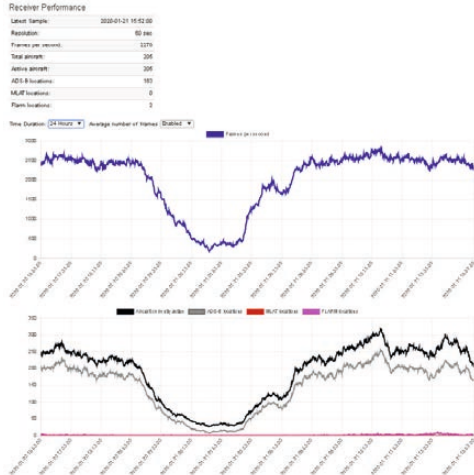
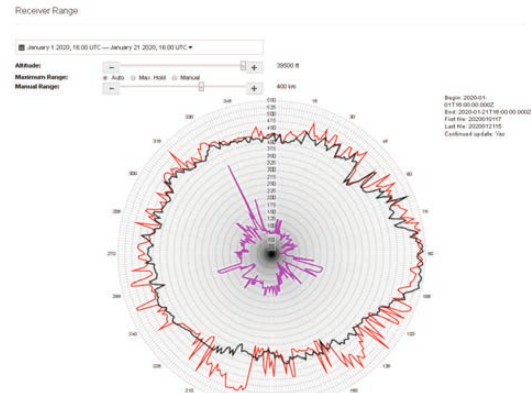
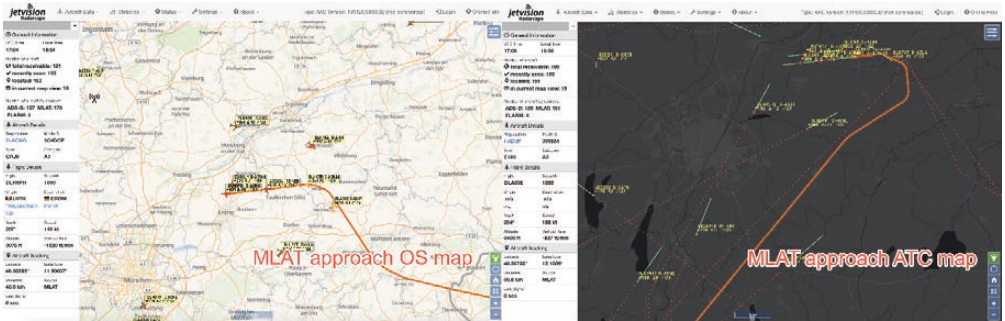
Aircraft List

Total Aircraft: 141 ADS-B: 114 MLAT: 127 Trans: 0 Active: 120 ADS-B: 100 MLAT: 117 Trans: 0

Registration	Mode-S	Flight	Origin	Destination	Track	Altitude	Speed	Vertical	QNH	Type	Category	Operator	Country	Source	Squawk	Latitude	Longitude	Distance	Indicator	Alert	Autopilot	TCAS	QNH	Altitude	Heading	Signal	Temp.	Wind	Last		
			Name	Name	Name	Altitude	Rate	Rate	Rate	Mode	Mode	Mode	Code	Mode	Mode	Lat	Lon	NM	Mode	Mode	Mode	Mode	Mode	Mode	Mode	Mode	Dir	Time			
DH-001	3C00A	DLH001	München	München	EDDM	81	2500	141	-86	AF	DLH	AD	DEU	DLH	DLH	48.35019	11.05000	34.2	None	0	None	0	388	4992	85.1	-89	6	2	127	2020-02-02 19:12:24.173268	
G-EZLN	400AN	ENK504	München	London Luton	EGGW	320	320	0	0	AF	A321	EVY	UK	DLH	8675	48.30720	11.82000	29.3	None	0	None	0	None	None	-78	0	0	0	2020-02-02 19:12:24.891402		
D-FHNS	30002	DFRANS	München	München	EDDM	279	4375	3625	202	-256	AF	EWG	DEU	EWG	1706	48.29270	12.14268	99.3	None	0	None	0	None	886.7	3712	-73	0	0	2020-02-02 19:12:24.782056		
YH-BZF	4A8E5	ROT12V	München	Hertford International Business	EDDM	96	5450	4775	282	572	AF	BOI	ROU	BOI	1176	48.35260	11.92000	45.8	None	0	None	0	None	None	-73	7	12	228	2020-02-02 19:12:24.891589		
D-A8BA	3004H	DLH08	Hamburg	München	EDDM	201	6225	5800	255	-104	AF	A321	AD	DLH	1237	48.44884	11.57320	18.9	None	0	None	0	None	None	-62	3	27	137	2020-02-02 19:12:24.890207		
D-C4HL	3000C	DLH0X	München	Stuttgart	EDDM	253	6650	211	-1037	AF	DLH	AD	DEU	DLH	7140	48.63978	9.75000	122.5	None	0	None	1	866.4	6716	253.3	-1	25	186	2020-02-02 19:12:24.893036		
D-BE7N	300CE	MHH555	München	München	EDDM	295	9650	8450	288	-576	AF	E350	AZ	MHV	DLH	1176	48.37228	11.37750	71.2	None	0	None	1	867.2	4992	263.4	-66	47	201	2020-02-02 19:12:24.890458	
D-DAED	30014	DLHFT	München	Sofia	EDDM	183	10375	10500	313	1152	AF	A320	AD	DLH	DLH	4251	48.32664	12.37270	81.4	None	0	None	0	None	None	-67	-8	7	27	2020-02-02 19:12:24.894820	
HB-LVY	4B-98P	SWR19E	Genève	Zürich Zürich	LSZH	271	13700	13200	324	-1792	AF	E190	AZ	OMH	SWR	1000	47.99729	9.37200	181.2	None	0	None	0	None	None	-60	-16	43	177	2020-02-02 19:12:24.892829	
D-ANWV	3002D	DLH87R	München	München	EDDM	154	14220	14200	348	-1344	AF	A321	AD	DLH	DLH	4726	48.32664	12.37270	48.9	None	0	None	0	None	None	-72	-16	19	23	2020-02-02 19:12:24.792755	
G-2028	40718	YORK6	München	München	EDDM	189	17000	16425	184	0	AF	D402	AI	D402	3411	48.68202	11.12221	23.8	None	0	None	0	None	None	-56	0	0	0	2020-02-02 19:12:24.792500		
G-2HNS	40726	BC2813	München	Leipzig/Halle	EDDP	135	17425	16825	278	-660	AF	B732	A4	DHK	U.K.	1000	48.82720	13.46261	153.7	None	0	None	1	1073.5	16000	137.1	-60	-23	18	24	2020-02-02 19:12:24.845336
D-AGWU	3005F	EWG09U	Düsseldorf	Zürich Zürich	LSZH	186	18200	17475	332	-660	AF	A321	AD	EWG	DLH	1000	48.64867	8.73767	208.5	None	0	None	0	None	None	-75	-23	19	152	2020-02-02 19:12:24.479673	
D-AWVK	3008B	DLH8C	Zürich Zürich	Frankfurt am Main	EDDF	9	18225	17725	457	1868	AF	A320	AD	DLH	DLH	1000	47.73471	8.65468	212.4	None	0	None	1	1072.7	22016	0	-20	54	233	2020-02-02 19:11:22.240907	
D-ASR	3006Z	DLJ4YF	München	Luxemburg	EDDM	188	18625	18100	254	2432	AF	A321	A2	DLH	DLH	1000	48.02667	11.37860	72.6	None	0	None	1	1072.7	24992	-68	-18	26	178	2020-02-02 19:12:24.790917	
D-BUJ	30059	DLH8Y	München	Barcelona	EDDM	221	20850	20100	358	2112	AF	A321	AD	DLH	DLH	1000	48.11469	11.53820	54.6	None	0	None	1	1072.7	23008	220	-75	-26	49	174	2020-02-02 19:12:24.890091
DH-15Z	4E65A	LUTMA	Nürnberg	Wien	EDDM	83	20325	22200	392	-64	AF	D402	AZ	LUT	DLH	3611	50.04707	12.35949	175.9	None	0	None	0	None	None	-76	-26	49	205	2020-02-02 19:12:24.891811	
D-ABDM	3004D	EWG887	Düsseldorf	Düsseldorf	EDDM	254	24200	237	-21	AF	D402	EWG	DEU	DLH	1000	48.18933	11.32223	45.5	None	0	None	0	None	None	-60	0	0	0	2020-02-02 19:12:24.891682		
D-BLLE	3008E	DLH8W	Düsseldorf	München	EDDM	137	24675	24675	461	-2200	AF	A321	AD	DLH	DLH	1000	48.14502	12.73902	102.5	None	0	None	0	None	None	-60	-18	108	0	2020-02-02 19:11:59.891310	
D-ACHM	3000D	DLH8U	München	München	EDDM	240	25300	24700	384	1428	AF	DLH	AD	DLH	DLH	1000	47.75292	11.83297	99.8	None	0	None	0	None	None	-76	-26	54	219	2020-02-02 19:12:24.792682	
SPHVM	4B20C	AEZ25	Stuttgart	München	EDDM	130	25425	24825	292	2456	AF	A320	AD	AEZ	DLH	7705	48.82978	10.81702	44.3	None	0	None	0	None	None	-64	-41	10	168	2020-02-02 19:12:24.894267	
DELJZ	4A906	AJAH4Z	Zürich Zürich	Wien	LSZH	93	25475	24875	416	1428	AF	A320	AD	AUA	AUA	1000	47.42335	9.68487	182.1	None	0	None	1	1072.7	27006	-73	-42	4	247	2020-02-02 19:12:24.892620	

Columns are configurable. You can directly jump to positions within map.

Radarcape Screenshots



GNSS Status

Receiver Status: 2019-11-24 17:55:11Z UTC

Latitude: 45.3008
 Longitude: 11.4258
 Altitude: 324.0868
 Temperature: 49.2
 Fix Mode: Auto
 Fix Dimension: 0D-clock fix
 Self Survey: Complete
 Survey Progress: 100%

Receiver Mode: Over-determined clock
 Doping Test: No
 GPS Status: Receiver OK
 Hardware ID: Rec327 360
 Firmware Version: 1.1.0-01-0
 SW Build Date: 2019-08-11
 Software Version: 1.1.0-01-0-08-11
 Product Name: Rec327 360
 Antenna Open: Connected
 Antenna Short: No
 Tracking Status: True
 Position Shared: True
 Position Queued: False
 Altimetry: Complete
 PPS Not Generated: False
 PPS Based On: UTC
 Number SW in File: 8
 Registration Results: 2019-11-24 17:55:00Z
 Time Reference: UTC
 PPS Reference: UTC
 PPS Pulse: On
 PPS Polarity: Positive

Satellites

PRN	Class	Az	Elev	Acquire	Ephem	Age	QW	Stat	
20	1	287	20	18	Acquired	Good	1	-	In Progress
10	2	318	16	18	Acquired	Good	1	-	In Progress
13	3	151	47	19	Acquired	Good	1	-	In Progress
24	4	237	49	24	Acquired	Good	1	-	In Progress
28	3	52	33	17	Acquired	Good	1	-	In Progress
17	6	94	39	23	Acquired	Good	1	-	In Progress
12	7	222	25	30	Acquired	Good	1	-	In Progress
79	8	292	37	17	Acquired	Good	1	-	In Progress

PPS Clock Carryover

Operational Log

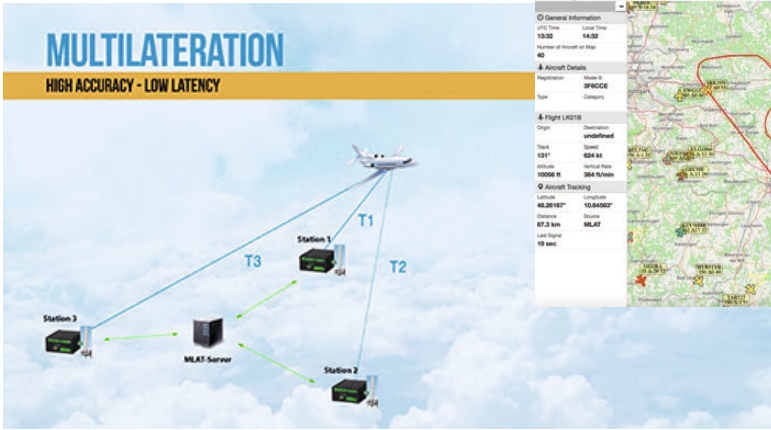
Log of system events and status changes.



Radarcapex Accessories

Antennas and Filter		
Antennas 1090 MHz	A3 ADS-B Antenna	A3 ADS-B Antenna - V4A offshore
	<p>Premium A3 ADS-B antenna with high gain (+5 dBi) for frequency range of 1090 MHz including antenna mount. N-female Connector</p> <p>Suitable for installations with short to medium length antenna cables or when using low loss cables.</p> <p>Our antenna is best suitable for outdoor use.</p>	<p>This ADS-B antenna (V4A stainless special steel) is suitable for off-shore use and includes mounting kit. N-Connector</p> <p>SCO-1090-MO certified MIL -STD-810G, method 509.5 (48/48h).</p> <p>This passive antenna has high gain (+5 dBi).</p> <p>Suitable for installations with short to medium length antenna cables or when using low loss cables.</p>
	Active Diapason Antenna	
	<p>Active high performance ADS-B Antenna 1090 MHz with 2 dBi gain, noise figure typ. < 1dB, LNA amplifier, ca. 21 dB gain. SMA-Connector.</p> <p>For distant antenna locations to compensate for associated cable losses.</p>	
Filter	1090 MHz Cavity Filter	
	<p>1090 MHz 3 Pole Filter, 2x SMA-female or SMA/N female. A filter with high quality and low attenuation. Recommended in close proximity to high power, GSM, FM or TV stations.</p> <p>Massive DC short on input and output for static electricity and lightning protection.</p> <p>Passband Attenuation: only 0.5 dB. Bandwidth (-3 dB): better than 9 MHz</p>	

Multilateration



Client Requirements	
Accessibility	Port 10011 must be open for both TCP and UDP from Radarcape to the server
Firewalls on Radarcape side	In most cases, firewalls don't need special configuration (like DSL Fritz-Box, Speedport etc.)
GPS	GPS antenna must be installed and have a free sky view
Location	MLAT processing for aircraft within a region with minimum of three Radarcapeces or by participating in jetvision MLAT network

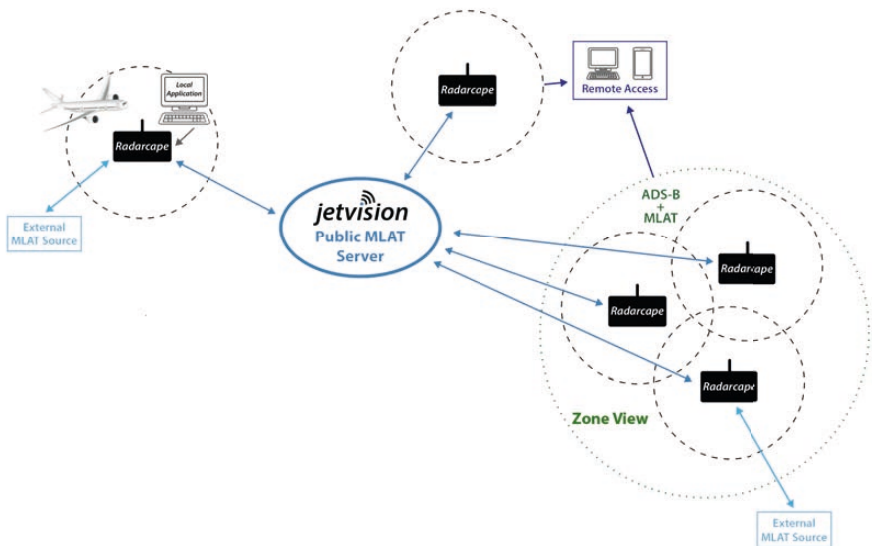
jetvision MLAT Server	
Sensor data fusion	All data formats that are supported by a Radarcape sensor are available from the MLAT server as aggregation of all connected sensors
Monitoring and maintenance	<ul style="list-style-type: none"> • Connected clients • Client performance supervision • Currently tracked aircraft (summary of all clients)

Further information about jetvision MLAT server can be found in our product brochure „Multilateration“.

Jetvision Flight Tracking Network

Every Radarcape will by default join the jetvision cloud flight tracking network in order to enjoy features like remote access, sharing groups or multilateration (for areas where a sufficient number of stations are part of the network). Privately operated customer networks can be established by jetvision as a separate service. If strict privacy is required, On-Premise licenses and support for local MLAT server operations are available.

These features are licensed separately for commercial users. See also our terms and conditions on www.jetvision.de. For more information about licensing, options and special requirements, please contact: support@jetvision.de



Features Jetvision Flight Tracking Network	
Tracking data	Access to realtime tracking data including MLAT data
Grouping	Closed user groups
Remote access	For private groups using jetvision MLAT service
MLAT	<ul style="list-style-type: none"> starting with three ADS-B receivers for a common area only also available for ADS-B aircraft
Commercial options	<p>Group View</p> <ul style="list-style-type: none"> Operate a private flight tracking network on jetvision server, including MLAT for all connected sensors, complemented with all sensor data in jetvision cloud sourced network Archive all flight tracking data for later reviews Individual functions on request <p>Zone View</p> <ul style="list-style-type: none"> for a defined region, combining customer and cloud sensor data

jetvision Receiver World

for professional live flight tracking



Radarcape



AiriSquitter

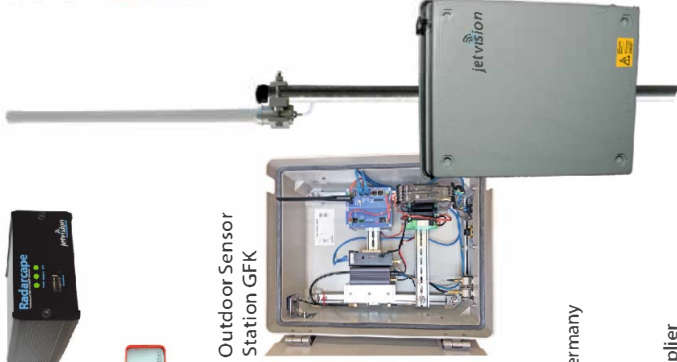
Indoor Sensor Station



Indoor Sensor Station (small)



Outdoor Sensor Station GFK



Mobile Sensor Stations



Feature List:

- ADS-B
- Multilateration (MLAT)
- FLARM
- GSM (LTE data link)
- MLAT server connectivity
- Customized configurations
- Industrial quality

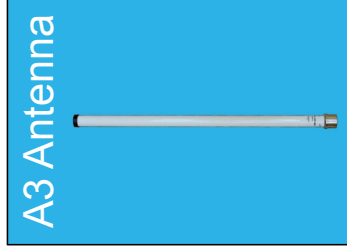
jetvision GmbH

Arm Rain 24
85256 Vierkirchen - Germany
support@jetvision.de
www.jetvision.de

ISO 9001 certified supplier

Cable up to 30m: Passive ADS-B Antenna

- #66903:**
magnetic mounted GPS antenna
with 5m cable
- #66913:**
magnetic mounted GPS antenna
with 50cm cable
- #66914:**
Outdoor GPS Antenna



- #67020:**
Omni directional antenna
Gain: 5dBi
Size: 625mm long
- #67305:**
V4A quality

- for #66903/#66913:**
5m extension: #77505
10m extension: #77510

- for #66914:**
5m: 70305
10m: 70310
and so on in 5m steps



- #66006:**
Radarcape
Power Supply
LAN cable
Magn. GPS Antenna

- optional: Pigtail**
for H2000 pull relief
#70251:
10cm SMA-F/SMA-M



Coax Cable

Constraint: Less than 4dB attenuation

- Standard**
CO100AF:
5m: #70405
10m: #70410
15m: #70415

- Robust**
H2000 flex: Hyperflex 5
5m: #70705 5m: #70905
10m: #70710 10m: #70910
15m: #70715 15m: #70915
20m: #70720
25m: #70725
30m: #70730

Cable more than 30m: Active Diapason Antenna

#66903:

magnetic mounted GPS antenna
SMB, 5m cable

#66913:

magnetic mounted GPS antenna
SMB, 50cm cable

#66914:

Outdoor GPS Antenna



GPS Antenna



Active Diapason Antenna 1090

#68200:

Omni directional antenna with filter and amplifier
Native Antenna Gain: 2.5dBi
Amplifier Gain: 21dB
Noise Figure: <1dB
Size: 250mm long

Not recommended with less than 5dB cable attenuation or

for 66903/66913:

5m extension: #77505

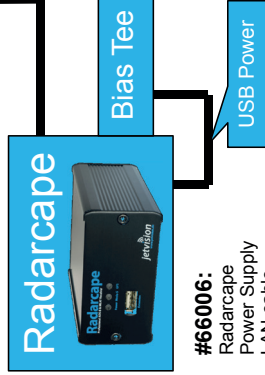
10m extension: #77510

for 66914:

5m: 70305

10m: 70310

and so on in 5m steps



Radarcape

Bias Tee

USB Power

#66006:

Radarcape
Power Supply
LAN cable
Magn. GPS Antenna

Coax cable

Permitted attenuation up to 15dB

Standard

CO100AF:

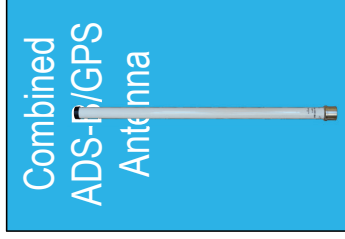
20m: #70120

Robust

Hyperflex 5

25m and more: on demand

Common cable for GPS and Mode-S up to 30m cable



#67960:

Omni directional antenna
GPS active chip antenna
ADS-B Antenna Gain: 5dBi
Size: 625mm long

#70151



#71302



#66006:

Radarcape
Power Supply
LAN cable
excluding imagn. GPS Antenna

#70551



Cable H2000 flex

Constraint: Less than 4dB attenuation

Standard


CO-100AF:
5m: #70405
10m: #70410
15m: #70415

Robust

H2000 flex: Hyperflex 5
5m: #70705 5m: #70905
10m: #70710 10m: #70910
15m: #70715 15m: #70915
20m: #70720
25m: #70725
30m: #70730

Common cable for GPS and Mode-S more than 30m cable

Active Diapason Antenna 1090MHz
#68200:
 Omni directional antenna with filter and amplifier
 Native Antenna Gain: 2.5dBi
 Amplifier Gain: 21dB
 Noise Figure: <1dB
 Size: 250mm long



GPS Antenna




for #66914:
 5m: 70305
 10m: 70310
 avail. in 5m steps

Coax cable

Standard: Hyperflex 5
 0.1m: #70151
 1m: #70901
Robust: Hyperflex 5
 1m: #70901
 5m: #70905

Active Diapason Antenna 1090MHz
#68200:
 Omni directional antenna with filter and amplifier
 Native Antenna Gain: 2.5dBi
 Amplifier Gain: 21dB
 Noise Figure: <1dB
 Size: 250mm long

#66916:
 magnetic mounted GPS antenna
 SMA connector, 5m cable
#66914:
 Outdoor GPS Antenna

Cable Hyperflex 5
 Permitted attenuation up to 15dB
 Standard coax:
 20m: #70120
 Hyperflex 5:
 30m and more:
 extension cables on demand
 available in 5m steps

#70151

Pigtail
 SMA/SMA



Pigtail
 SMA/SMB



#70551

Radarcape



#66006:
 Radarcape
 Power Supply
 LAN cable
 excluding magn. GPS Antenna

ADS-B/GPS Splitter



#71302

ADS-B/GPS Splitter



#71302

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The Radarcape has best performances and technical features, but it is not certified and not for use in highly sensitive air traffic control environments. We do not give any warranty to the results and data. Any liability is excluded!

V. 5.0 – 01.2021

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The logo for jetvision, featuring the word "jetvision" in a bold, lowercase sans-serif font. Above the letter "i" in "jetvision", there are three curved lines of increasing size, resembling a signal or Wi-Fi symbol.

