STAR INXS
SOLUTIONS PVT LTD

DRONES & UNMANNED SYSTEMS
PRODUCT BROCHURE

SURVEILLANCE QUADCOPTERS

SAP SERIES



COMPACT • DAY & NIGHT • FIELD-READY

UP TO 45 MIN	UP TO 10 KM	4K 10× ZOOM	30-KNOT WIND	2–4 KG

SURVEILLANCE QUADCOPTERS: SAP-6, SAP-7, SAP-9

DESIGNED & BUILT IN INDIA · STARINXS.COM

OVERVIEW

SURVEILLANCE QUADCOPTERS: SAP-6, SAP-7, SAP-9

Three compact surveillance quadcopters for small, mobile teams: SAP-6, SAP-7 and SAP-9, with 3-axis stabilised cameras, 30-knot wind resistance and up to 10 km of range.

3	45 min	10 km	30 knots
SIZES	ENDURANCE (SAP-6)	RANGE (SAP-7, SAP-9)	WIND RESISTANCE

AT A GLANCE

UP TO 45 MIN	UP TO 10 KM	4K 10× ZOOM	30-KNOT WIND	2–4 KG

WHY IT STANDS OUT

DAY AND NIGHT VISION
Stabilised cameras; SAP-9 adds 4K with 10× zoom.

ON-BOARD INTELLIGENCE
Processing on the aircraft, at the edge.

LIDAR AND PHOTOGRAMMETRY
Mapping payload options.

30-KNOT WIND RESISTANCE
Stable in gusty field conditions.

QUICK TO DEPLOY
Built to launch, fly and recover fast.

1 KG EMPTY
Carried and flown by one person.



TECHNICAL SPECIFICATIONS

TECH SPECS

SPECIFICATIONS	
Variants	SAP-6, SAP-7, SAP-9
Endurance	40–45 min
Range	7–10 km
Payload	300 g
MTOW	2–4 kg
Empty weight	1 kg
Cruise speed	8 m/s
Dash speed	10 m/s
Wind resistance	30 knots
Gimbal	3-axis stabilised
Camera (SAP-9)	4K, 10× zoom
Operational altitude	500 m AGL
Wheelbase	650 / 750 / 950 mm

VARIANTS

SAP-6

Light micro-category

Endurance	45 min
Range	7 km
MTOW	2 kg
Payload	300 g
Wheelbase	650 mm
Gimbal	3-axis

SAP-7

Medium range

Endurance	40 min
Range	10 km
MTOW	4 kg
Payload	300 g
Wheelbase	750 mm
Gimbal	3-axis

SAP-9

Long range

Endurance	40 min
Range	10 km
MTOW	4 kg
Payload	300 g
Wheelbase	950 mm
Camera	4K, 10× zoom

Figures are typical values for a standard configuration and may change without notice. Dimensions marked ≈ are indicative.



POSSIBLE ENHANCEMENTS

TARGET DETECTION AND FOLLOWING
On-board detection that locks on and follows a target.

NIGHT AND LOW-LIGHT TRACKING
Tracking and following after dark.

VISUAL NAVIGATION
Navigation where GNSS is denied or jammed.

STANCE AND GAIT DETECTION
Flags threatening posture with an active alert.

PRECISE VISUAL LANDING
Lands on a marked point without GNSS.

SWARMING (IN DEVELOPMENT)
Cooperative missions with other drones and ground robots.

COMPACT • DAY & NIGHT • FIELD-READY

Every option above can be built in for your requirement. Ask for it in your enquiry to contact@starinxs.com.

WHY STAR INXS

IN-HOUSE COMPOSITES
Airframes designed, moulded and built in our own facility.

DESIGNED IN INDIA
Indigenous design and engineering in the air, under water, in simulation and on the range.

ON-BOARD INTELLIGENCE
Detection, tracking and visual navigation where GNSS fails.

TURNKEY DELIVERY
From site survey and design to installation and training.

TENDER READY
Documentation and compliance support for GeM and defence portals.

LIFECYCLE SUPPORT
Training, spares and maintenance after delivery.

FROM REQUIREMENT TO SUPPORT

01 REQUIREMENT

02 DESIGN & ENGINEERING

03 PROTOTYPE & VALIDATION

04 PRODUCTION & INTEGRATION

05 DEPLOYMENT & SUPPORT

DESIGNED, BUILT AND SUPPORTED IN INDIA

- OFFICES IN NEW DELHI AND BHOPAL
- GEM AND DEFENCE TENDERS
- CUSTOM AND OEM BUILDS
- TRAINING, SPARES AND MAINTENANCE

STAR INXS SOLUTIONS PVT LTD

Request a quote, a demonstration or the full data pack for SAP Series.

EMAIL	contact@starinxs.com
WEB	starinxs.com
NEW DELHI	Registered office
BHOPAL	Madhya Pradesh
BUYING	Direct enquiry, GeM and defence tenders. We reply within one business day.

WHATSAPP ONLY
+91 91404 00917

Scan for the SAP Series page

© 2026 Star INXS Solutions Pvt Ltd. Specifications may change without notice. Images may show optional equipment.