XCRAFT

POWERFUL. EFFICIENT. LIGHTWEIGHT.

Introducing the MATRIX R
American workhorse. Endurance and payload to meet your demands.

GET THE JOB DONE

Rajant teamed up with xCraft to provide a **rugged, durable octo-copter** that can fly both **indoors and outdoors with extended flight time**.

xCraft's **MATRIX R, powered with Rajant's DX2,** is a great choice for many commercial and industrial applications such as:

- Search and rescue
- Surveying and mapping
- Infrastructure and right-of-way inspection
- Tactical operations

xCraft partners with companies to **develop tailored applications** that **solve real-world problems.**
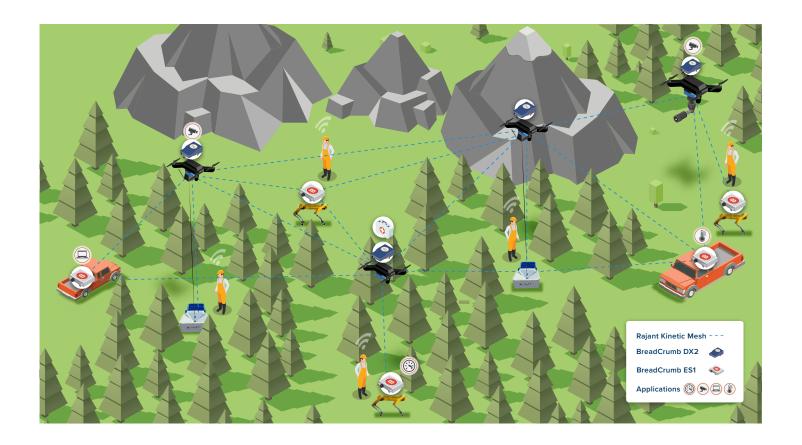
Create a Network Where None Exists and Get Eyes in the Sky Instantaneously with the xCraft Matrix R

The Matrix R—a line-of-sight tactical drone with a flight time of more than 40 minutes and payload capacity of over four pounds—is powerful, efficient, and designed to meet your endurance and payload demands. This drone comes with an integrated Rajant InstaMesh® Breadcrumb® radio and a powerful 4K gimbaled camera with 3.5x zoom. Several optional payloads are available, including Velodyne LIDAR as well as thermal, IR, EO, and multispectral cameras.

A SUI controller and Android tablet are included with each Matrix R package to provide powerful, comfortable, flight control with real-time video streaming.

RAJANT

Rajant Kinetic Mesh – – –
BreadCrumb DX2
BreadCrumb ES1
Applications

MATRIX R PACKAGE

- Matrix R X8 aircraft with Rajant BreadCrumb
- 4K camera with zoom
- Gimbal
- SUI controller
- Android tablet
- Two 1200 mAh batteries
- Battery charger
- Custom hard case
- User manual and quick start guide

XCRAFT ⟩

OPTIONAL PAYLOADS

- FLIR® Hadron™: RGB/thermal (EO/IR) camera
- NextVision Colibri: EO/IR stabilized camera,160g
- Micasense Altum: simultaneous thermal and multispectral imagery for agriculture
- Velodyne LIDAR: imaging through light detection and ranging

ALTUM
by MicaSense®

◆FLIR®

Velodyne

Velodyne LiDAR®

Drone

Weight (without payload): 7.3 lb.
Payload: 4.4 lb.
Propulsion: 8 x 360W brushless DC motor
Maximum Flight Time: 42 minutes
Included Camera: RGB 4K with 3.5X zoom
Controller: SUI with MicroHard Datalink
Ground Control Software: QGroundControl
Radio Links: Rajant Kinetic Mesh, plus separate 2.4 GHz/5 GHz link for control and telemetry
Battery: 6S 2400 mAh
Drone Dimensions: 21 x 16 x 13 in.
Hard Case Dimensions: 26 x 26 x 10 in.

Integrated Radio

Crafted in 100% magnesium and weighing only 123g, the DX2 is Rajant's smallest and lightest BreadCrumb and is especially ideal for drones.

- 2.4GHz or 5GHz frequency options
- 2x2 MIMO operation
- 300Mbps raw data rate
- Refer to the DX2 spec sheet for details

HOW TO BUY

MODEL: Matrix X8 UAS with Rajant DX2
PART #: MTX-X81-001
MSRP: $23,998 USD
SALES: sales@xcraft.io or 1-208-665-1353

Rajant Private Wireless Networks:
Powering Drones to Transform the Safety and Efficiency of Remote and Dangerous Operations

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The Rajant-equipped xCraft Matrix R enables air-to-air and air-to-ground communication and can be seamless incorporated into an existing Rajant network to enable livestreaming and edge processing via aerial applications. Drone applications are applicable to all markets, including military, mining, oil & gas, utilities, public safety, agriculture, and many others.

Learn how the xCraft Matrix R and Rajant's mission-critical, fully mobile Kinetic Mesh network can help you **create a network where none has existed before.**
We will show you the benefits a drone or swarm network can bring to a jobsite.
Visit xcraft.io or **rajant.com** to get started.

About xCraft

xCraft Corpration is laser-focused on innovation in flight, developing powerful technology that can change the world. xCraft has developed patented technologies that have wide-spread applications in consumer drones, professional, military markets, and even human-carrying autonomous aircraft. xCraft won't rest until their technology becomes the industry standard. For more information, visit **www.xcraft.io.**

About Rajant Corporation

Rajant develops novel wireless network technology that enables customers to rapidly deploy a highly adaptable and scalable network that leverages the power of real-time data to deliver on-demand, mission-critical business intelligence. Through Rajant's unequaled ability to turn mobile assets into network infrastructure, organizations are empowered to take private network applications and data everywhere.
For more information, visit **www.rajant.com.**