

CHOOSING A PLATFORM - 3DR SITE SCAN

FROM DRONE TO AUTODESK TOOLS WITH A TAP. DESIGNED FOR ENTERPRISE SCALE.



The best camera in the sky

- Self Flying
- Best-in-class Sony R10C camera
- Images transfer <u>wirelessly</u>.



Capture data with Site Scan Field.

- Easy to use.
- No need for service providers.



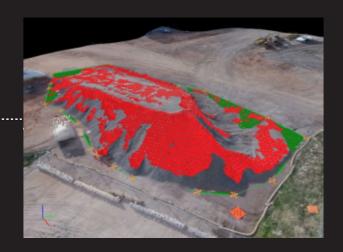
Analyze and Export to Autodesk

- Built for Enterprise Scale.
- Represents the future paradigm of office-field collaboration.

PRESS ONE BUTTON TO MEASURE YOUR WORLD...







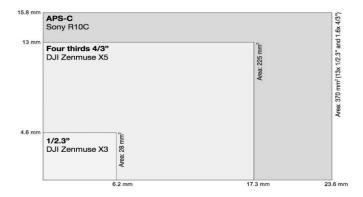
...SO THAT YOU CAN MANAGE IT

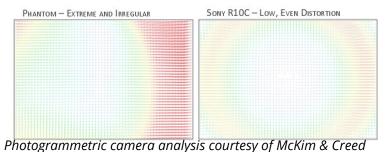
NOT ALL DRONES ARE CREATED EQUAL

SITE SCAN CARRIES THE BEST-IN-CLASS SONY R10C ON A CUSTOM GIMBAL

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CAMERA - LENS SENSOR ANALYSIS





GROUND - SAMPLING & ACCURACY

	PHANTOM 4	INSPIRE X5	SITE SCAN R10C
GROUND SAMPLING	1.2" (3.1см)	.075" (1.9см)	0.45" (1.1см)
LATERAL ERROR*	3.84"	1.60"	0.95"
Vertical Error*	32.5"	3.9"	2.0"
	+	+	+

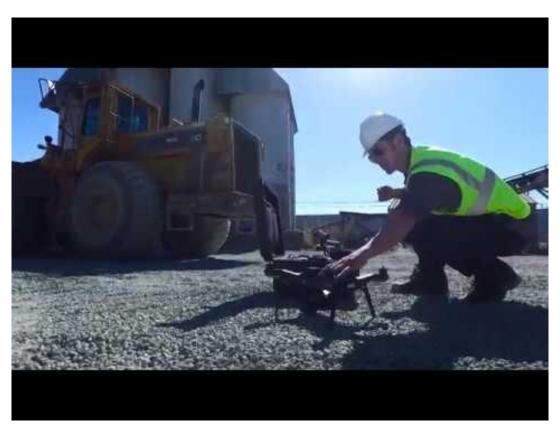
^{*} WITH GROUND CONTROL POINTS VERIFIED WITH SURVEY CHECK POINTS

CAMERA - INTERCHANGEABLE ZOOM LENS



REALITY DATA CAPTURE WITH SITE SCAN

THOUGHTFULLY DESIGNED FOR THE FIELD PROFESSIONAL AT ENTERPRISE SCALE DEPLOYMENT





CONVERT ACTUAL REALITY INTO VIRTUAL REALITY

BECAUSE WE CAN.

Step 1 - Site Scan Manager

Site Scan Manager

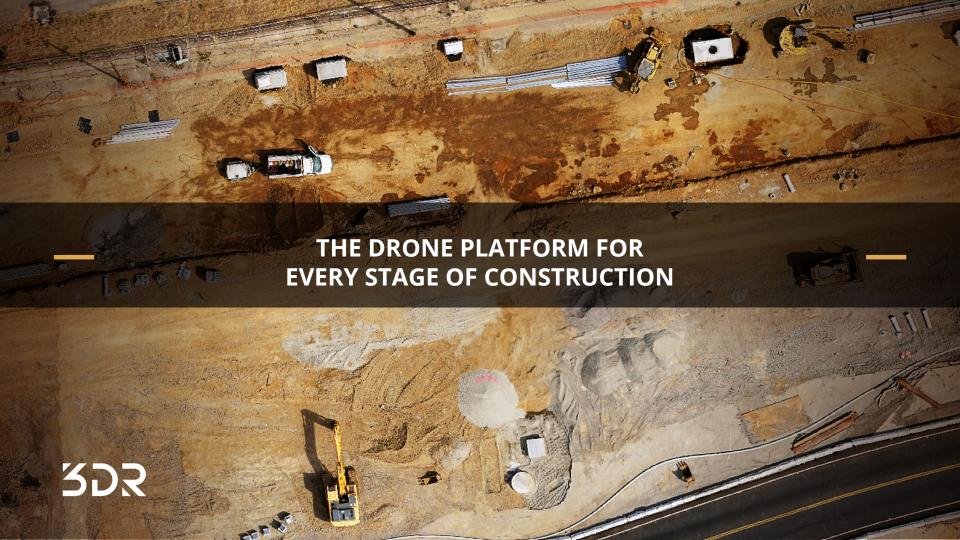
Step 2 - A360 Drive & Desktop

- A360 Drive
- Don't use A360 Drive? Skip this step and download directly from Site Scan Manager.

Step 3 - Infraworks 360

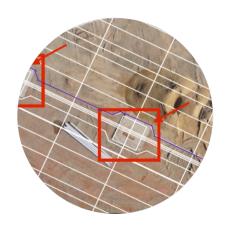
Step 4 - Stingray VR Setup and Import

Step 5 - Virtual Insanity

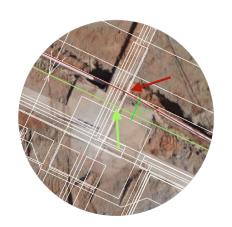


PREVENT REWORK & FACILITATE CHANGE ORDERS

ROI GREATER THAN THE COST OF SITE SCAN WITHIN FIRST WEEK - ACTUAL CASE STUDY



7" over-pours, incorrect position



Pipe fed through incorrect sleeve

 Ended 3 days of stopped work - at a cost of \$24,000 and counting



Incorrect trench-work vs design.

- Prevent rework
- Helps with Change Orders
- Accurate as-builts

THE 3DR CONSTRUCTION MODEL/SITE CYCLE

