













UAV Experimentat	ion	<u>ی</u>		0
	Climb rate	Altitude hol : Max 6 m/s Normal : up to 10 m/s	Temperature	-10~50 °C
	cruising speed	up to 5 m/s	Hovering Accuracy (Altitude Hold) (GPS Hold)	Vertical ± 1m Horizontal ± 5m
	Empty weight	3.0Kg (battery)	wind tolerance	3m/s
	recommende d payload	6.0Kg (camera)	flight radius	up to 1000m on RC
	dimensions	1200mm × 1200mm × 450mm	operation altitude	up to 1000m on RC
	Maximum take-off- weigat	10.0Kg (including body)	flight time	up to 20 minutes
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UAV Experimentation     Results & Discussion			
<ul> <li>Crop situation analysis</li> </ul>	2. Low-altitude		
<ol> <li>High-altitude</li> <li>Approximately 100m</li> <li>Possible to track crop roughly</li> <li>Crop change detection according to its color</li> </ol>	O Approximately 20m		
	O Possible to track cabbage growing		
	and leaf condition CORRECTLY		
	O Might be possible to distinguish		
	even the cabbage shape concretely		
	O crop shape's analysis could be		
	possible objectively by local		
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