

XXXXXX  
XXXXXX

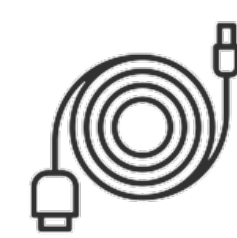
# WINDHOVER with WINDER

UAV WITH TETHERED DRONE STATION

X



Working height from  
take-off points  
**100 m**



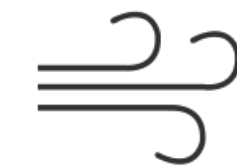
Length of cable  
**120 m**



Control at wind speed  
above **9 m/s**



Baud rate by cable  
**80 Mbps/s**



Flight duration  
**6-8 hours**



WINDHOVER WITH WINDER

WINDHOVER WITH WINDER

WINDHOVER WITH WINDER

WINDHOVER WITH WINDER

## EXTERNAL FUNCTIONS OF WINDHOVER UAV WITH TETHERS

- Overlapping UAV Powerpack system. Further work in case of ground station de-energizing.
- Safe usage. Wire de-energizing in case of its breakaway or disconnecting with the drone.
- Full configuration of the Winder ground system of Windhover with minimal engagement with the drone pilot.
- Radio silence work mode is possible due to a wire transmission.
- Bandwidth allows 4K videos streaming. Secure workload under EW.
- Transmission of technical conditions and statuses of Windhover multi-drone, to office ground station or Winder station build-in menu. An operator is controlling all complex conditions and can manually set all parameters.
- Intellectual winch usage for controlling wire wrapping / unwrapping and to prevent its slacking.
- Access to wireless internet connection or dedicated data transmission channel.
- Easy integration with other controlling and monitoring systems. Outreach with situation rooms.



WINDHOVER  
with WINDER



## SCOPE OF USE

- Perimeter and territory security.
- Monitoring of environmental changes.
- Object allocation and identification.
- Longlasting environmental monitoring in an emergency or man-made disaster.
- Monitoring during special operations.
- Environmental protection. (Poaching suppression, illegal logging (deforestation), pollutions...)
- Transponder mode for increasing remoteness and quality of available means of communication.
- Electronic intelligence and electronic warfare.



SPAITECH.NET