

# Excavation System ECS900

Enhance your productivity and efficiency in any work environment with our versatile system. Our solution seamlessly integrates with other Hi-Target products, including GNSS receivers and total stations. By combining these tools, you can work smarter and faster, achieving optimal results in less time. Experience increased efficiency and the ability to accomplish more tasks with ease.



# Industries Smart Solution

Achieve excellence with the Hi-Target smart machine control solutions



Full Constellation  
Centimeter  
Level Accuracy



4 Single and Dual-axis  
Tilt Sensors with Dual  
Antenna GNSS Receiver



3D Mode  
Provides Full  
Visual Indication

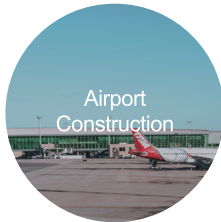


Strong Signal Connections  
even in Harsh Conditions



Minimize Operational  
Risks with Less Cost

## Applications



Airport  
Construction



Road  
Construction



Railway  
Construction



Hydro-project  
Construction

## Hardware

### HD 232 Compact Tablet



Rugged and Compact  
Vehicle-mount Tablet



Large 10in  
Anti-glare Touch Screen



Built-in Dual Antenna  
GNSS Positioning Board



Wi-Fi/Data Radio/  
4G Module



Multiple I/O Ports  
(RS485, RS232,  
ETH, CAN, USB)



IP65  
Protection



### AT-400 High Performance Geodetic Antenna



Full Constellation  
Satellite Tracking



Supports All Working  
Frequency and L-Band



Right-handed Circular  
Polarization (RHCP)



IP67  
Protection



### ACE High Resolution Angular Sensor



High-precision MEMS  
Angle Measurement Unit  
(Up To 0.05° Output  
Resolution)



CAN Bus 2.0b  
RS485  
Protocol



IP67  
Protection



AUTHORIZED DISTRIBUTION PARTNER

23A231

### Hi-Target Surveying Instrument Co. Ltd

ADD: Building 13, Tian'An Technology Zone HQ Center, No. 555,  
North of Panyu RD, Panyu District, 511400 Guangzhou, China.

www.hi-target.com.cn +86-20-28688296 info@hi-target.com.cn