



# HATTORIX

Observation and CAT-1 Targeting System

## Key Features

- Improved SWaP
- Modular configuration
- Totally passive targeting
- CAT-1 TLE
- Improved situational awareness
- Shortened sensor-to-shooter time
- Collateral damage minimised
- Modular design
- Works with pre-existing systems
- MIL-STD-810F

HattoriX is the next-generation fire support and intelligence solution for dismounted forces, designed to shorten the sensor-to-shooter cycle while engaging fire effectively and accurately.

The HattoriX solution offers the dismounted team an independent intelligence collection-and-analysis capability for immediate and accurate target engagement, while minimising collateral damage. By integrating several technologies into one comprehensive solution, HattoriX exploits Instro's assets more efficiently than ever before, enabling precise and rapid execution of complex missions.

## Platform Configurations

HattoriX is available in a range of configurations to enable maximum flexibility:

**Control** - Manual or Remotely (RC)  
**Range** - Medium or Long

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## HattoriX RC Long Range Remote Control Configuration



## Outline Specification

<b>Targeting Accuracy</b>	CAT-1 TLE Capable
<b>Gonio Accuracy</b>	0.3 mil (Both Axes)
<b>Mission Computer</b>	2x Rugged Tablet
<b>Levelling</b>	Digital Levelling
<b>Mapping</b>	GIS Database
<b>Hub</b>	Power and Ethernet
<b>Digital BMS</b>	Supported
<b>Power Source</b>	Battery Operated
<b>Targeting Method</b>	Passive & Active
<b>Video Recording</b>	Supported
<b>Environmental</b>	MIL-STD-810F

## Applications

- Forward Observers (FO)
- Forward Air Controllers (FAC)
- Joint Terminal Attack Controllers (JTAC)
- Reconnaissance
- Field Intelligence
- Special Forces

## Options

- Choice between Manual and Remote Controlled Goniometer
- Choice of EO sensor dependant on required observation/targetting range
- Modular gyroscopic and solar northing available with Instro's ERMOS and SAMOS
- Alternative mission computer
- Tailored integration with other systems such as BMS



### Instro Precision Limited

Tel : + 44 (0) 1843 604455 Fax : + 44 (0) 1843 864143  
Email : [marketing@instro.com](mailto:marketing@instro.com) Web : [www.instro.com](http://www.instro.com)