



























SPECIFICATION	FASTRACK	FLOCK OF BIRDS
Operation radius	30"	36"
•	(120" with red. acc.)	(96" optional)
Angular range	all-attitudes	$\pm 180^{o}$ Azimuth&Roll
		$\pm 90^{o}$ Elevation
Transl. accuracy	0.03"RMS	0.1"RMS
Transl. resolution	0.0002"/inch range	0.03"RMS
Angular accuracy	0.15°RMS	0.5°RMS
Angular resolution	0.025°RMS	0.1°RMS at 12"
Update rate		
(measurements/sec)	120	144
	Cartesian coord.	Cartesian coord.
	& orient. angle	& orient. angle
Outputs	(selectable	(selectable
	direction cosines	rotation matrix)
	and quaternions;	
	English/metric	
	Units)	
Techand	RS-232 (selec. baud	RS-232 (selec. baud
Interface	rates to 115,200	rates to 115,200)
	up to 100 kbaud/aca)	(color houd note
	up tp 100 kbauu/sec)	to 310 000)
Data format	ASCII of Binary	Binary
Modes	Point or stream	Point or stream
Modes	Point or stream	Point or stream



















































"Lighthouse" Tracking					
Sin	Simple time measurement give angles:				
	PhotoDiode Response				
	<u> </u>	Time			
	More Details	s: www.Hizook.com			
http://www.hizook.com/blog/2015/05/17/valves-lighthouse-tracking-system-may-be-big-news-robotics					
Anton L. F 2019	uhrmann Ad	Iv anced Topics in VR	TTO WIE WIEN		



































































