


















UNICORE UFIREFBIRD SERIES PRODUCTS

Products		Applications		Grade		Dimensions	GNSS		GNSS				Single frequency	Dual frequency	Ports				Functions						
				Industrial grade	Automotive grade		GPS	BDS	GLONASS	Galileo	NavIC	QZSS			UART1	UART2	SPI	I ² C	Built-in Flash	Data Update Rate	DR	AGNSS	Timing	RTK	
Chip																									
	UFirebird II UC6580A	GIS, UAV, Automated Delivery Vehicle, Sharing Bike/Scooter , Intelligent Driving, Smart Agriculture		●	5.0 × 5.0 × 0.85 mm	●	●	●	●	○	●			●	●	●	●	●	1 Hz/5 Hz /10 Hz		●				17
	UFirebird II UC6580I		●		5.0 × 5.0 × 0.85 mm	●	●	●	●	○	●			●	●	●	●	●	1 Hz/5 Hz /10 Hz		●				17
	UFirebird UC6226NAS	Factory-installed Navigation, Tracker, IoT, Smart Phone, Aftermarket Navigation		●	5.0 × 5.0 × 0.75 mm	●	●	○	●		●	●	●		●	●			●	1 Hz		●			25
	UFirebird UC6226NIS		●		5.0 × 5.0 × 0.75 mm	●	●	○	●		●	●	●		●	●			●	1 Hz		●			25
Module																									
	UM680A	Intelligent Driving, P-Box, T-Box		●	22.0 × 17.0 × 2.6 mm	●	●	●	●	○	●			●	●	○	○	●	1 Hz/5 Hz /10 Hz		●		●		18
	UM681A	Intelligent Driving, V2X, T-Box		●	22.0 × 17.0 × 2.6 mm	●	●	●	●	○	●			●	●	○	○	●	1 Hz/5 Hz /10 Hz	●	●		●		19
	UM670A	Intelligent Driving, P-Box, T-Box		●	22.0 × 17.0 × 2.6 mm	●	●	●	●	○	●			●	●	○	○	●	1 Hz/5 Hz /10 Hz		●				20
	UM620A	Vehicle Navigation, T-BOX, Intelligent Cockpit		●	12.2 × 16.0 × 2.4 mm	●	●	●	●	○	●			●	●	○	○	●	1Hz/5Hz* /10Hz*		●				21
	UM620	Vehicle Navigation, T-BOX, Intelligent Cockpit	●		12.2 × 16.0 × 2.4 mm	●	●	●	●	○	●			●	●	○	○	●	1Hz/5Hz* /10Hz*		●				22
	UM621A	Vehicle Navigation, T-BOX, Intelligent Cockpit		●	12.2 × 16.0 × 2.4 mm	●	●	●	●	○	●			●	●	○	○	●	1Hz/5Hz* /10Hz*	●	●				23
	UM621	Vehicle Navigation, T-BOX, Electric Scooter	●		12.2 × 16.0 × 2.4 mm	●	●	●	●	○	●			●	●	○	○	●	1Hz/5Hz* /10Hz*	●	●				24
	UM220-INS NL	Vehicle Navigation, T-Box	●		12.2 × 16.0 × 2.6 mm	●	●	○	●		●	●	●		●	●			●	1 Hz/5 Hz /10 Hz	●	●			26
	UM220-INS NF	Vehicle Navigation, T-Box		●	12.2 × 16.0 × 2.6 mm	●	●	○	●		●	●	●		●	●			●	1 Hz/5 Hz /10 Hz	●	●			27
	UM220-IV NV	Vehicle Navigation, T-BOX		●	12.2 × 16.0 × 2.4 mm	●	●	○	●		●	●	●		●	●			●	1 Hz/5 Hz		●			28
	UM220-IV NL	Vehicle Navigation, Vehicle Monitoring	●		12.2 × 16.0 × 2.4 mm	●	●		●		●	●	●		●	●			●	1 Hz		●			29
	UM220-IV M0	Tracker, Vehicle Navigation	●		9.7 × 10.1 × 1.9 mm	●	●	○	●		●	●	●		●				●	1 Hz		●			30
	UM220-IV L	Telecom Timing, Electrical Power Grid Timing, LAN Time Synchronization	●		17.0 × 22.4 × 2.4 mm	●	●	●	●			●	●		●	●			●	1 Hz		●	●		31

● : support ○ : support after firmware upgrade