

H09 (TK20) Smart Ring Specifications Document

	Basic parameters	Product Type	Health monitoring smart ring		
		Product Features	Heart rate monitoring Blood oxygen monitoring Blood pressure monitoring HRV Lorenz scatter plot Step counting Exercise Remote care 24/7 scientific sleep) Photo taking Adjustable health monitoring time switch  Blood glucose Blood components		
		Shell material color	Outer surface material: stainless steel  Main body material: epoxy resin		
		Compatible system	iOS 13.0 and above, Android 8.0 and above  HarmonyOS below 5.0 [excluding HarmonyOS 5.0, pure-blood HarmonyOS is not supported]		
	Hardware configuration	CPU	Zhongke Lanxun AB2026b3		
		Optical sensor	GH3018, red light*1 infrared*1 green light*1		
		Analog front-end chip	Goodix AFE analog front-end + sensor combo GH3018, sampling rate 25Hz, oxygen saturation meets medical hypoxia testing standards		
		Battery capacity	15-20mAh		
		Battery usage duration	Connect to Bluetooth for approximately 4 days, depending on the specific usage frequency.		
		Charging method	Standard magnetic charging cable (USB rated 5V), charging case optional.		
		Acceleration sensor	Minghao MiraMEMS DA267		
		Connection method	Bluetooth Low Energy 5.2		
		Ring width	7mm		
		Product weight	Approximately 5.0 grams		
		Software program updatability	Update via software application		
		Waterproof rating	SATM+IP68		
		Charging interface	Magnetic charging strip with short circuit protection		
		Charging time	Approximately 1 hour		
		Motion monitoring	Sleep monitoring	Multiple exercise modes available	Heart rate monitoring measurement
			Blood oxygen monitoring measurement		
	Supported languages	APP 36 languages: Danish, Ukrainian, Urdu, Russian, Croatian, Hungarian, Bokmål Norwegian, Hindi, Indonesian, Turkish, Bengali, Hebrew, Greek, German, Italian, Czech, Slovak, Japanese, French, Polish, Persian, Thai, Swedish, Lithuanian, Simplified Chinese, Traditional Chinese, Romanian, Finnish, English, Dutch, Portuguese, Spanish, Vietnamese, Arabic, Korean, Malay.			
	Color	Black Silver Rose Gold			
	Packing List	Ring, magnetic charging cable, user manual, QC label, packaging box			
	APP download QR code: H Ring		 		