

Function	What it does	Apps which use it
Accelerometer	Measures tilt and motion; also capable to detecting when the phone is rotated from portrait to landscape.	<p>Nike+ - tracks distance and speed of your run</p> <p>Sleep Time - tracks how much you move around in your sleep to gauge your sleep cycle</p>
Back camera	Takes images and detects visual data.	<p>Shop Savvy Barcode Scanner - scans barcodes to compare price of a product with other stores</p> <p>Prizmo - converts photo of printed text into an electronic document which can be edited</p>
Call	Converts voice into an electrical signal which is transmitted as radio waves to another person's phone and converted back into sound.	<p>Ignore No More - locks phone so only function available to teens is to call their parents back</p>
Cloud storage	Stores information on multiple data servers so that you can access information at any time.	<p>Google Drive - gives you access to online files</p> <p>8tracks - users create playlists and cover art using tracks stored on the cloud</p>
Contacts	Stores phone numbers, emails etc of people you know.	<p>Twitter - searches your contacts to suggest people you may know</p> <p>Humin - organises your phone contacts by how you know them</p>
Front camera	Takes images.	<p>Mirror - flips the front camera image to a mirror</p> <p>Frontback - takes a photo with front and back camera simultaneously, and merges them into a single photo that shows both what you're looking at and your reaction</p>
GPS / Geolocation	Satellite transmits signals to a GPS receiver which determines the location.	<p>Foursquare/Swarm - lets you check in and find restaurants etc in your area</p> <p>Uber - finds taxis based on your location</p>

Gyroscope	Sensor which uses gravity to orient a smartphone.	Flight simulator - game which uses 'gyro controls' Gyrosynth - a gesture-driven music synthesiser
Microphone	Detects audio and converts sound energy into electrical energy.	Shazam - captures a sample of audio and identifies it by comparing with files in the app's database and searches for related material online Sound Meter - records noise and detects the loudness in decibels, useful for supporting noise complaints
Near Field Communications (NFC)	Enables short-range communication between compatible devices.	Google Wallet - allows you to make contactless payments
Notifications	Sends notifications to your phone.	RememberTheMilk - to-do list which reminds you when you have an item that's due WhatsApp - notifies you if you have a new message
SMS messaging	Sends text messages.	Last Message - sends messages to important people to let them know your battery is about to run out BroApp - sends automated 'romantic' texts
Touchscreen	Allows the user to interact with a computer by touching areas on the screen.	Mailbox - lets you sort your emails by swiping left to delete, right to archive or read later, etc Brushes - an interactive paint app