NIKON TOTAL STATIONS

Designed to meet the needs of surveyors around the world, Nikon delivers maximum precision, reliability and affordability.

Nikon surveying equipment provides optimal workflow efficiencies using proven technology in a range of mechanical total stations.

All Nikon equipment is backed by the great service and dealer support you trust from Nikon.

NIKON IS BUILT TOUGH FOR ALL OCCASIONS.

SPECIFICATIONS

Feature	Nikon XF HP	Nikon XF autofocus	Nikon XS autofocus	Nikon N	Nikon K
Onboard Field Software	Survey Pro, Layout Pro, Survey Basic	Survey Pro, Layout Pro, Survey Basic	Nikon Onboard	Nikon Onboard	Nikon Onboard
Autofocus	No	Yes	Yes	No	No
Angular Accuracy	1", 2", 3" or 5"	1", 2", 3" or 5"	1", 2", 3" or 5"	2" or 5"	2" or 5"
EDM: Mode(s)	Prism and Reflectorless	Prism and Reflectorless	Prism and Reflectorless	Prism and Reflectorless	Prism
EDM: Prism Range	3000 m	5000 m	5000 m	4000 m	4000 m
EDM: Prism Accuracy	± (1 mm + 1.5 ppm)	± (2 mm + 2 ppm)	± (2 mm + 2 ppm)	± (2 mm + 2 ppm)	± (2 mm + 2 ppm)
EDM: Reflectorless Range	500 m	800 m	800 m	600 m	N/A
EDM: Reflectorless Accuracy	± (2 mm + 2 ppm)	± (3 mm + 2 ppm)	± (3 mm + 2 ppm)	± (3 mm + 2 ppm)	N/A
EDM: Measurement Principle	Phase Shift	Time of Flight	Time of Flight	Time of Flight	Time of Flight
EDM: Spot Size	Very small	Standard	Standard	Standard	Standard
EDM: Measurement Interval Precise Prism mode, repeat measurements	1.6 s	1.0 s	1.0 s	1.1 s	1.1 s
Laser Pointer	Yes	Yes	Yes	Yes	No
Plummet Type	Optical	Optical option for all models, Laser option for 2",3",5"	Optical option for all models, Laser option for 2",3",5"	Optical	Optical
Tangent Type	Locking	Locking	Locking	Locking	Locking
Display(s)	Dual Color Touchscreen	Dual Color Touchscreen	Dual monochrome	Dual monochrome on 2" model, Single monochrome on 5" model	Dual monochrome on 2" model, Single monochrome on 5" model
Memory	512MB RAM+4GB	512MB RAM+4GB	50,000 Points	50,000 Points	50,000 Points
Tracklight	Yes	Yes	No	No	No
Reticle Illumination	Yes	Yes	No	No	No
Number of Batteries / Hot-Swappable	2 Hot-swappable	2 Hot-swappable	2 Hot-swappable	1	1
Battery Life Distance/Angle measurement every 30 s	18h	12h (AF every 30s)	18h (AF every 30s)	14h	14h
Weight including battery/ies	10.1 lb (4.6kg)	9.9 lb (4.5kg)	9.9 lb (4.5kg)	11.0 lb (5.0kg)	11.0 lb (5.0kg)
IP Rating	IP66	IP66	IP66	IP55	IP55
Phone App Compatible	Android	Android	Android*	Android and iOS	Android and iOS
Integrated Bluetooth	Class 1, Long Range	Class 1, Long Range	Class 2	Class 2	Class 2
RS232C	Yes	Yes	Yes	Yes	Yes
USB Port	2 (host and client)	2 (host and client)	1 (host)	No	No

*Total station firmware update may be required