

# DX Series Direct Aiming X-ellence Station

## **Automatic Precision**



Direct aiming X-ellence station



## **SPECIFICATIONS**

Magnification / Resolving power   30x / 2.5"   30x / 2.5"	Model		DX-101AC	DX-102AC	DX-103AC	DX-105AC	
Length: 168mm (6.6m.), Objective aperture: 45mm (1.8m.) (59mm (2.0m.) for EDM), Image: Erect, Field of view: 1°30' (26m/1,000m), Minimum focus: 1.3m (4.3t), Reticle (1.3t), Projective aperture: 45mm (1.8m.) (59mm (2.0m.) for EDM), Image: Erect, Field of view: 1°30' (26m/1,000m), Minimum focus: 1.3m (4.3t), Provided	Telescope		•				
Ca.3tt.), Reticle illumination: 5 brightness levels   Angle measurement   Ca.3tt.), Reticle illumination: 5 brightness levels   Ca.5t   T   (0.0002 / 0.0015 on 0.0005 / 0.02mill)   Ca.5t   T   (0.0002 / 0.0015 on 0.0005 / 0.02mill)   Ca.5t   Ca	<u> </u>	oower	30x / 2.5"				
Display resolutions   Selectable	Length: 168mm (6.6in.), Objective aperture: 45mm (1.8in.) (50mm (2.0in.) for EDM), Image: Erect, Field of view: 1°30' (26m/1,000m), Minimum focus: 1.3m						
1	(4.3ft.), Reticle illumination	n: 5 brightness levels					
Usphay reSolution   Company   Comp	Angle measurement						
Accuracy (150 17123-3:2001)	Display resolutions (select	ahle)					
JACS_(Independent Angle Calibration System)							
Dual-axis compensator / Collimation compensation   Dual-axis liquid tilt sensor, working range: ±6' / Collimation compensation available			ļ <del>-</del>	2"	3"	5"	
Distance measurement							
Laser output"   Reflectorless mode: Class 1R / Prismy/sheet mod		ollimation compensation	Dual-axis liquid tilt sensor,	working range: ±6' / Colli	mation compensation availa	ble	
Measuring range (under average conditions")   Reflective sheet"   Reflective sheet   Reflectiv							
Quider average conditions**)         Reflective sheet**         RS90N-K: 1.3 to 500m (4.3 to 1,640ft.), RS500N-K: 1.3 to 500m (1,643 to 990ft.), RS10N-K: 1.3 to 100m (4.3 to 13.0 to 500m (1,640ft.)           Mini prisms         CP01: 1.3 to 2,500m (8,200ft.), OR1Pa: 1.3 to 500m (1,640ft.)           Display resolution         Fine/Rapidis .0.001m / 0.01ft. / 1/60m. Tracking: 0.01m / 0.1ft. / 1/21m.           Accuracy**         Reflectories**         (2 + 2ppm x D) mm**           (05 17123-4:2001)         Reflectories**         (2 + 2ppm x D) mm*           (05 17124-1201)         Reflectories**         (2 + 2ppm x D) mm*           Measuring time**         Reflectories**         (2 + 2ppm x D) mm           Morring fair was represented by the prison of the pri		D*3	, , , , , , , , , , , , , , , , , , , ,				
Mini prisms							
One AP prism   1.3 to 5,000m (4.3 to 16,400ft) / Under good conditions**; 6,000m (16,680ft.)							
Three AP prism   to 8,000m (26,240ft.) Under good conditions*: to 10,000m (32,800ft.)			, , , , , , , , , , , , , , , , , , , ,				
Display resolution		· · · · · · · · · · · · · · · · · · ·					
Reflective sheet   CP   CP   CP	Display resolution	Tiffee AP prisiti					
Reflective sheet**   (2 + 2ppm x D) mm   (1.5 + 2ppm x D) mm		Reflectorless*3					
(D=messuring distance in mm)  Measuring time"  Type Type Nax Rotation speed Type Nax Rotation speed Type Nax Rotation speed Type Norking range  One AP prism  APPCP prism  1.3 to 1,000 m Reflective sheet* Sto 50 m Alini prisms** CP01: 1.3to700m, OR1PA 1.3 to 500 m Mini prisms** Operating system / Application  Display / Keyboard  Control panel location**  On both faces (Face 2 is only touch screen display)  Trigger key  Data storage Internal memory Plug-in memory device USB flash memory (max. 8GB)  Interface  Interface  Serial RS-232C, USB2.0 (Type A / miniB)  Bluetooth modem (option)**  Serial RS-232C, USB2.0 (Type A / miniB)  Bluetooth modem (option)**  Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)  Control plummet Levels  Graphic Gricular level  Or inclination in Microsoft Windows CE 0.0 / MAGNET FIELD  Serial RS-232C, USB2.0 (Type A / miniB)  Bluetooth modem (option)**  Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)  Control plummet Levels  Graphic Gricular level  Internal red laser using EDM beam  Gricular level  Discord in Field  Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)  Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product  Dust and water protection  Discord with LED backlight, Touch screen display)  On both faces (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product  Dust and water protection  Discord (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product  Dust and water protection  Discord (70 X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)	(ISO 17123-4:2001)						
Fine: 0.9s (initial 1.5s), Rapid: 0.6s (initial 1.3s), Tracking: 0.3s (initial 1.3s)   Type							
Type   DC Servo motor   Max Rotation speed   70°/sec							
Type Max Rotation speed 70°/sec  Auto Pointing  Working range <sup>2</sup> One AP prism <sup>10</sup> 1.3 to 1,000m Reflective sheet <sup>10</sup> 5 to 50m 360° prism <sup>10</sup> 2 to 600m Mini prisms <sup>11</sup> (PD1: 1.3to700m, OR1PA 1.3 to 500m)  OS, Interface and Data management  Operating system / Application Microsoft Windows CE 6.0 / MAGNET FIELD Display / Keyboard Single of the speed of the		cking: 0.33 (initial 1.33)					
Max Rotation speed     70°/sec       Auto Pointing     One AP prism³     1.3 to 1,000m       Reflective sheet³     5 to 50m       360° prism³³     2 to 600m       Mini prisms³³¹     CP01: 1.3to700m, OR1PA 1.3 to 500m       OS, Interface and Data management       Operating system / Application     Microsoft Windows CE 6.0 / MAGNET FIELD       Display / Keyboard     3.5inch, Semi-transmissive TFT QVGA color LCD with LED backlight, Touch screen, Automatic brightness control / 26 keys with backlight       Control panel location³²     On both faces (Face 2 is only touch screen display)       Trigger key     On right instruent support       Data storage     Internal memory     500MB internal memory       Plug-in memory device     USB flash memory (max. 8GB)       Bluetooth modem (option)³³     Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.)³⁴       General     Laser-pointer³³⁵     Coaxial red laser using EDM beam       Guide light³³     Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)       Levels     Graphic     6' (Inner Circle)       Gircular level     10' / 2mm       Optical plummet     Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom       Laser plummet (option)     Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product       Dust and water protection     IP	Tiotor unite system	Type	DC Servo motor				
Working range <sup>2</sup> One AP prism <sup>3</sup> 1.3 to1,000m Reflective sheet <sup>2</sup> 5 to 50m 360° prism <sup>10</sup> 2 to 600m Mini prisms <sup>11</sup> CP01: 1.3to700m, OR1PA 1.3 to 500m  OS, Interface and Data managemet Operating system / Application Microsoft Windows CE 6.0 / MAGNET FIELD Display / Keyboard 3.5inch, Semi-transmissive TFT QVGA color LCD with LED backlight, Touch screen, Automatic brightness control / 26 keys with backlight  Control panel location <sup>12</sup> On both faces (Face 2 is only touch screen display)  Trigger key On right instrument support  Data storage Internal memory Flug-in memory device USB flash memory (max. 8GB)  Interface Serial R5-232C, USB2.0 (Type A / miniB) Bluetooth modem (option) <sup>13</sup> Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.) <sup>14</sup> General  Laser-pointer <sup>15</sup> Coaxial red laser using EDM beam Guide light <sup>152</sup> Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)  Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)  Dytical plummet Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom Laser plummet (option) Red laser diode (635nm±10nm), Beam accuracy: ≦1.0mm@1.3m, Class 2 laser product Dust and water protection IP65 (IEC 60529:2001) Operating temperature -20 to +590°C (+4 to +1229°F) Size with handle W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)							
Morking range <sup>12</sup>	Auto Pointing						
360° prism****   2 to 600m     Mini prisms****   CP01: 1.3to700m, OR1PA 1.3 to 500m     OS, Interface and Data management	Working range*2	One AP prism*8	1.3 to1,000m				
Mini prisms***   CP01: 1.3to700m, OR1PA 1.3 to 500m   OS, Interface and Data management   Operating system / Application   Microsoft Windows CE 6.0 / MAGNET FIELD   Display / Keyboard   S.Sinch, Semi-transmissive TFT QVGA color LCD with LED backlight, Touch screen, Automatic brightness control / 26 keys with backlight   Control panel location***   On both faces (Face 2 is only touch screen display)   Trigger key   On right instrument support   Data storage   Internal memory   S00MB internal memory   Plug-in memory device   USB flash memory (max. 8GB)   Interface   Serial RS-232C, USB2.0 (Type A / miniB)   Bluetooth modem (option)**   Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.)**	noming range	Reflective sheet*9					
Os, Interface and Data management         Operating system / Application       Microsoft Windows CE 6.0 / MAGNET FIELD         Display / Keyboard       3.5inch, Semi-transmissive TFT QVGA color LCD with LED backlight, Touch screen, Automatic brightness control / 26 keys with backlight         Control panel location***2       On both faces (Face 2 is only touch screen display)         Trigger key       On right instrument support         Data storage       Internal memory         Plug-in memory device       USB flash memory (max. 8GB)         Interface       Serial RS-232C, USB2.0 (Type A / miniB)         Bluetooth modem (option)***13       Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.)**4         General         Laser-pointer***5       Coaxial red laser using EDM beam         Guide light***15       Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)         Levels       Graphic       6* (Inner Circle)         Circular level       10* / 2mm         Optical plummet       Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom         Laser plummet (option)       Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product         Dust and water protection       IP65 (IEC 60529:2001)         Operating temperature       -20 to +500°C (-4 to +1220°F)         Size wit		360° prism*10	2 to 600m				
Operating system / Application       Microsoft Windows CE 6.0 / MAGNET FIELD         Display / Keyboard       3.5inch, Semi-transmissive TFT QVGA color LCD with LED backlight, Touch screen, Automatic brightness control / 26 keys with backlight         Control panel location***       On both faces (Face 2 is only touch screen display)         Trigger key       On right instrument support         Data storage       Internal memory       500MB internal memory         Plug-in memory device       USB flash memory (max. 8GB)         Interface       Serial RS-232C, USB2.0 (Type A / miniB)         Bluetooth modem (option)***       Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.)***         General         Laser-pointer***       Coaxial red laser using EDM beam         Guide light***       Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)         Levels       Graphic       6' (Inner Circle)         Circular level       10' / 2mm         Optical plummet       Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom         Laser plummet (option)       Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product         Dust and water protection       IP65 (IEC 60529:2001)         Operating temperature       -20 to +50°C (-4 to +122°F)         Size with handle       W207 (W) X 190 (D) X 372 (H		Mini prisms*11	CP01: 1.3to700m, OR1PA 1.3 to 500m				
Display / Keyboard       3.5inch, Semi-transmissive TFT QVGA color LCD with LED backlight, Touch screen, Automatic brightness control / 26 keys with backlight         Control panel location***2       On both faces (Face 2 is only touch screen display)         Trigger key       On right instrument support         Data storage       Internal memory         Plug-in memory device       USB flash memory (max. 8GB)         Interface       Serial RS-232C, USB2.0 (Type A / miniB)         Bluetooth modem (option)***13       Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.)**14         General         Laser-pointer***15       Coaxial red laser using EDM beam         Guide light**15       Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)         Levels       Graphic       6' (Inner Circle)         Circular level       10' / 2mm         Optical plummet       Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom         Laser plummet (option)       Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product         Dust and water protection       IP65 (IEC 60529:2001)         Operating temperature       -20 to +50°C (-4 to +122°F)         Size with handle       W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)	OS, Interface and Data	management	<u> </u>				
Control panel location 12 Control panel location 12 Control panel location 13 Control panel location 14 Control panel location 15 Control panel loc	Operating system / Application		Microsoft Windows CE 6.0 / MAGNET FIELD				
Control panel location****       On both faces (Face 2 is only touch screen display)         Trigger key       On right instrument support         Data storage       Internal memory       500MB internal memory         Plug-in memory device       USB flash memory (max. 8GB)         Interface       Serial RS-232C, USB2.0 (Type A / miniB)         Bluetooth modem (option)************************************	Display / Keyboard		3.5inch, Semi-transmissive TFT QVGA color LCD with LED backlight, Touch screen, Automatic brightness				
Trigger key  Data storage  Internal memory Plug-in memory device  Serial RS-232C, USB2.0 (Type A / miniB) Bluetooth modem (option)**  Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.)**  General  Laser-pointer**  Coaxial red laser using EDM beam  Guide light**  Graphic  Graphic  Circular level  Optical plummet  Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom  Red laser plummet (option)  Dust and water protection  Operating temperature  -20 to +50°C (-4 to +122°F)  Size with handle  NSB flash memory  10S flash internal memory  10S flash memory (max. 8GB)  10S flash memory (max. 8GB)  10S flash memory (max. 8GB)  10S flash memory  10S flas			· , ·				
Data storage       Internal memory       500MB internal memory         Plug-in memory device       USB flash memory (max. 8GB)         Interface       Serial RS-232C, USB2.0 (Type A / miniB)         Bluetooth modem (option)***13       Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.)**14         General         Laser-pointer***15       Coaxial red laser using EDM beam         Guide light**13       Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)         Levels       Graphic       6' (Inner Circle)         Circular level       10' / 2mm         Optical plummet       Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom         Laser plummet (option)       Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product         Dust and water protection       IP65 (IEC 60529:2001)         Operating temperature       -20 to +50°C (-4 to +122°F)         Size with handle       W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)			, , , , , , , , , , , , , , , , , , , ,				
Plug-in memory device   USB flash memory (max. 8GB)							
Interface Serial RS-232C, USB2.0 (Type A / miniB)  Bluetooth modem (option)**i3 Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.)**i4  General  Laser-pointer**i5 Coaxial red laser using EDM beam  Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)  Levels Graphic 6' (Inner Circle)  Circular level 10' / 2mm  Optical plummet Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom  Laser plummet (option) Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product  Dust and water protection IP65 (IEC 60529:2001)  Operating temperature -20 to +50°C (-4 to +122°F)  Size with handle W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)	Data storage		<del></del>				
Bluetooth modem (option) Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 300m (980ft.) General  Laser-pointer Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)  Levels Graphic 6' (Inner Circle)  Circular level 10' / 2mm  Optical plummet Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom  Laser plummet (option) Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product  Dust and water protection IP65 (IEC 60529:2001)  Operating temperature -20 to +50°C (-4 to +122°F)  Size with handle W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)		Plug-in memory device	, , , , , , , , , , , , , , , , , , , ,				
General         Laser-pointer"13       Coaxial red laser using EDM beam         Guide light"15       Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)         Levels       Graphic 6' (Inner Circle)         Circular level       10' / 2mm         Optical plummet       Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom         Laser plummet (option)       Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product         Dust and water protection       IP65 (IEC 60529:2001)         Operating temperature       -20 to +50°C (-4 to +122°F)         Size with handle       W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)		*13			. 200 (0000 )*14		
Laser-pointer"15     Coaxial red laser using EDM beam       Guide light"15     Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)       Levels     Graphic (Circular level 10" / 2mm       Optical plummet     Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom       Laser plummet (option)     Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product       Dust and water protection     IP65 (IEC 60529:2001)       Operating temperature     -20 to +50°C (-4 to +122°F)       Size with handle     W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)		<u></u>	Bluetooth Class 1, Ver.2.1-	FEDR, Operating range: up	to 300m (980ft.)		
Guide light***  Green LED (524nm) and Red LED (626nm), Operating range: 1.3 to 150m (4.3 to 490ft.)  Levels  Graphic  Circular level  10' / 2mm  Optical plummet  Magnification: $3x$ , Minimum focus: $0.3m$ (11.8in.) from tribrach bottom  Laser plummet (option)  Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product  Dust and water protection  1P65 (IEC 60529:2001)  Operating temperature  -20 to +50°C (-4 to +122°F)  Size with handle  W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)			Carriel and Inner union EDI	4 h = = ==			
					rango: 1 2 to 150m (4 2 to	2 400ft )	
Circular level $10^{\circ}$ / 2mm       Optical plummet     Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom       Laser plummet (option)     Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product       Dust and water protection     IP65 (IEC 60529:2001)       Operating temperature     -20 to +50°C (-4 to +122°F)       Size with handle     W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)		Cranhic	<u> </u>	ed LLD (0201111), Operating	g range. 1.3 to 13011 (4.3 to	3 4901(.)	
Optical plummet       Magnification: 3x, Minimum focus: 0.3m (11.8in.) from tribrach bottom         Laser plummet (option)       Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser product         Dust and water protection       IP65 (IEC 60529:2001)         Operating temperature       -20 to +50°C (-4 to +122°F)         Size with handle       W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)							
Laser plummet (option)Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 laser productDust and water protectionIP65 (IEC 60529:2001)Operating temperature-20 to $+50^{\circ}$ C (-4 to $+122^{\circ}$ F)Size with handleW207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)	Ontical plummet	Circular level	,	n focus: 0.3m (11.8in.) fro	m tribrach hottom		
Dust and water protection         IP65 (IEC 60529:2001)           Operating temperature         -20 to +50°C (-4 to +122°F)           Size with handle         W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)	<u> </u>		· · · · · · · · · · · · · · · · · · ·				
Operating temperature         -20 to +50°C (-4 to +122°F)           Size with handle         W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)							
Size with handle W207 (W) X 190 (D) X 372 (H) mm (W8.1 x D7.5 x H14.6in.)			,				
Weight with battery & tribrach   Approx. 6.1kg (13.4lb.)	Weight with battery & tribrach		Approx. 6.1kg (13.4lb.)				
Power supply			, , , , , , , , , , , , , , , , , , ,				
Battery BDC70 detachable battery Li-ion rechargeable battery		BDC70 detachable batterv	Li-ion rechargeable battery				
Operating time (20°C) BDC70 Approx.5hours (Fine distance measurement (single) using Auto Pointing, repeated every 30 seconds)							
External battery (option) BDC60: approx.7hours, BDC61: approx.14.5hours (Fine distance measurement (single) using Auto Pointing, repeated every 30 sr		External battery (option)	BDC60: approx.7hours, BDC61: approx.14.5hours (Fine distance measurement (single) using Auto Pointing, repeated every 30 seconds)				

\*1 IEC60825-1:Ed.2.0:2007 / FDA CDRH 21 CFR Part 1040.10 and 11 \*2 Average conditions: Slight haze, visibility about 20km (12 miles), sunny periods, weak scintillation. \*3 With Kodak Gray Card White Side (90% reflective). When brightness on measured surface is 30,000 lx. or less. Reflectorless range/accuracy may vary according to measuring objects, observation situations and environmental conditions. \*4 When the measuring beam's incidence angle is within 30° in relation to the reflective sheet target. \*5 Good conditions: No haze, visibility about 40km (25 miles), overcast, no scintillation.

\*6 Measuring range:0.3 to 200m \*7 Typical, under good conditions. Reflectorless measurement time may vary according to measuring objects, observation situations and environmental conditions. \*8

AP01 prism \*9 When using a reflective sheet for Auto Pointing, the size of sheet (10 to 90 mm) must be selected to correspond to the distance being measured. Use smaller reflective sheets for shorter distances. Figures when the Auto Pointing beam strikes within 15° of the reflective sheet target. \*10 ATP1(S) prism \*11 OR1PA prism \*12 Control panel location may vary depending on region or model. \*13 Usage approval of Bluetooth wireless technology varies according to country. Please consult your local office or representative in advance. \*14 No obstacles, few vehicles or sources of radio emissions/interference in the near vicinity of the instrument, no rain. \*15 The laser-pointer and the guide light do not work simultaneously.

### **Standard Accessories**

DX main unit Battery x2 (BDC70) Battery charger (CDC68) Power Cable Lens cap Lens hood Tool pouch Screwdriver ●Lens brush ●Adjusting pin x2 ●Cleaning cloth ●Operation manual ●USB memory ●Laser caution sign-board ●Carrying case Carrying strap x2





### **TOPCON CORPORATION**

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