

Trimble X12

3D



Trimble® Perspective

IP54

HDR

Trimble

Trimble X12

3D

Trimble X12		3D-				
Trimble Perspective			, 3D-	,	,	,
	1	,		IEC 60825-1		
	1500	,				
/	~3.5	1 /~0.3		HDR-	LED	
	360°	320°				
	3,280	/				
	2.187	/				
	0.3	365				
	250					
	≤ 1	+ 10 ppm/				
	0.1					
		14%		37%		80%
10		0.30		0.25		0.20
25 ¹		0.39		0.28		0.25
50 ¹		0.8		0.5		0.3
100 ^{1,2}		2.6		1.1		0.7
200 ^{1,2}		9.6		3.6		1.7
³	0.004° (14.4")					
	0.00026° (0.93")				0.00018° (0.65")	
	⁴	/10	/35	/50	.	.
5	0:23	50.3	176.0	251.3	698.3	5.4
	0:46	25.1	88.0	125.6	2.8	21.4
	1:34	12.6	44.0	62.8	11.2	85.3
	3:07	6.3	22.0	31.4	44.7	341.2
x2	6:14	3.1	11.0	15.7	178.8	1.3
x4	12:28	1.6	5.5	7.8	715.1	5.3
x10 ⁶	38:58	0.6	2.2	3.1	4469.1	33.3

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	HDR, 7	, 11	,	
	~ 2	(2-5)), ~ 2:30	(, 3-11)
	1			
	~ 80	()		
	LED	, 700		
		0.001°		
		± 0.5°		
		<0.004°(14.4")		
	6.7	7.7		
	150	258	328	
	0.5			
	150	80	45	
	Li-Ion	14.4	, 16800	/
	~ 2.5		(4)	
	~ 5	2	,	
	24			
	100 - 240	AC / 12 - 24	DC	
	- 10°	+45°		
	-20°	+50°		
	IP54	()		
	Trimble T10x		Windows 10	WLAN/Ethernet
	5.7",	-		,
	WLAN 802.11 A/G/N,		, 240 /	Ethernet 1
	SATA	128	, 128	
	Micro D-Sub			
	2			

Trimble X12

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TRIMBLE PERSPECTIVE	
(IMU)	,
	,
	2D 3D
	,
TRIMBLE PERSPECTIVE	
TRIMBLE X12	
	Microsoft Windows 10 IoT Enterprise
	Intel i7 10
	32
	SSD 1
	" "
	,
Trimble	,
	2D, 3D,
	,
	,
	X12
	: TDX, TZF, E57, PTX,
	RCP, LAS, POD

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