Certificate
of conformity with the following European Directive

Registered No.:
NE1105210066

Electromagnetic Compatibility Directive 2014/30/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	17.12.2021	TWR1004010	TWR1004010 003	18.01.2022	17.01.2027

This is to certify that the following product complies to all the provisions of the above mentioned European Directive and the following standards:

Product: Positioning Measurement System

Type designation: See Appendix 1 for details

Serial No.: See Appendix 1 for details

Applicant: HIWIN MIKROSYSTEM CORP.
No. 6, Jingke Central Rd., Precision Machinery Park, Taichung 408226, Taiwan

Standard(s):

Emissions	Immunity
EN 61000-6-4:2007/A1:2011	EN 61000-6-2:2005
IEC 61000-3-2:2014	IEC 61000-4-2:2008
IEC 61000-3-3:2013	IEC 61000-4-3:2006/A1:2007/A2:2010
	IEC 61000-4-4:2012
	IEC 61000-4-5:2014
	IEC 61000-4-6:2013
	IEC 61000-4-8:2009

This Certificate of conformity is based on the evaluation of sample(s) of the above mentioned product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD Group. This is to certify that the tested sample is in compliance with the essential requirements referred to in Annex I of Council Directive 2014/30/EU and demonstrated by means of procedure described in Annex II of Council Directive 2014/30/EU. This certificate can be used by holder in connection with the EC declaration of conformity indicating conformity according to Electromagnetic Compatibility Directive.

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Certification Department

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Type designation :

Monitor:

No. position	1	2	3	4	-	5	6	-	7	-	8	9	-	10
Model no.:	P	M	E	D	-	X_1	X_2	-	X_3	-	X_4	X_5	-	X_6

1	2	3	4	5(X_1)	6(X_2)	7(X_3)	8(X_4)	9(X_5)	10(X_6)
PMED				H1:H1 display (Plug type A, flat blade) H2:H1 display (Plug type C, Eeroplug)		1: 1 axis display	00: for HIWIN 1mm/2mm positioning measurement system (analogue/digital) A1: for HIWIN 5mm E type or H type positioning measurement system		0: with I/O without RS-232 1: with I/O with RS-232 2: without I/O without RS-232 (standard) 3: without I/O with RS-232

No. position	1	2	3	4	-	5	-	6	7	-	8	-	9	10
Model no.:	P	M	L	D	-	A	-	X_1	X_2	-	X_3	-	X_4	X_5

1	2	3	4	5(A)	6(X_1)	7(X_2)	8(X_3)	9(X_4)	10(X_5)
PMLD				Pole Pitch A: 5mm	Cable Length: [m; Max 3m] P5: 0.5m 01: 1m 02: 2m : 03: 3m		Housing: E: E type H: H type	00: Standard (E type readhead) 20: for PGH20 guideway system 25: for PGH25 guideway system 30: for PGH30 guideway system 35: for PGH35 guideway system 45: for PGH45 guideway system	

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Signal Translator:

No. position	1	2	-	3	-	4	5
Model no.:	S	T	-	A	-	X_1	X_2

1	2	3(A)	4(X_1)	5(X_2)
ST		Pole Pitch A: 5mm	Resolution: 1: 5um 2: 10um	Output Signal Format: 1: 5V RS422/TTL 2: 24V O.C.

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Reader:

No. position	1	2	-	3	-	4	5	-	6	7	-	8	-	9	10	11	12
Model no.:	P	M	-	X_1	-	X_2	X_3	-	X_4	X_5	-	X_6	-	X_7	X_8	X_9	X_{10}

1	2	3(X_1)	4(X_2)	5(X_3)	6(X_4)	7(X_5)	8(X_6)	9(X_7)	10(X_8)	11(X_9)	12(X_{10})
PM		Pole Pitch[mm] A: 5mm B: 1mm C: 2mm	Cable Length:[m] P5:0.5m 01:1m 02:2m . . . 10:10m		Connector: 0: Flying lead 1: SCSI 20 Pin 2: SCSI 14 Pin 3: D-Sub 15 Pin 4: 17 Pin Circular Plug (M17) 5: SCSI 14 Pin (screw type) 6: D-Sub VGA 15 Pin 7: D-Sub 9 Pin 8: SCR 10 Pin	Signal Format: A:Analogue SIN/COS 1Vp-p D:Digital 5V RS422/TTL I: Analog Sin/Cos 1Vpp (with index) E: Digital 5V RS422/TTL (with index)	S T C	10:Standard 11:With metal tube		Empty	
							E	00:Standard			
							V	PM-A 1: Digital 5V RS422/TTL 5um 3:Digital 24V/PP 5um 4:Digital 5V RS422/TTL 10um 5:Digital 24V/PP 10um 7:Digital 24V/PP 25um 8:Digital 24V/PP 100um PM-B 1:Digital 5V RS422/TTL 1um 3:Digital 24V/PP 1um	PM-A 0:Standard 1:With metal tube 3:With scraper 4:With metal tube and scraper PM-B 0:Standard 1:With metal tube		
							H	20: for PGH20 guideway system 25: for PGH25 guideway system 30: for PGH30 guideway system 35: for PGH35 guideway system 45: for PGH45 guideway system			
							G			10:Standard 11:With metal tube	

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Serial No.:
Engineering samples of :
1. PMED+PM-B-01-6A-G-20-10
2. PMED+PM-B-01-6A-T-10
3. PMED+PM-B-01-6A-V-10
4. PMED+PM-B-01-6D-G-20-10
5. PMED+PM-B-01-6D-T-10
6. PMED+PM-B-01-6D-V-10
7. PMED+PM-B-02-6A-S-10
8. PMED+PM-B-03-6D-S-10
9. PMLD-D-A-01-E-00

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