

## Confirmation of Notified Body Opinion

according to

# R&TTE Directive 1999/5/EC

With respect to the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC, Notified Body Conformity Assessment was performed according to Article 10.5 of the Directive on the essential requirements in Article 3.1(a) (Health & Safety), 3.1(b) (EMC) and 3.2 (Effective Use of the Spectrum).

The opinion for the equipment specified in this Confirmation was issued by:

**Notified Body / N° / Opinion N°** : TÜV Rheinland Nederland B.V. / 1856 / PD-V4-001

**Approval Holder Company Name** : Ningbo Pdlux Electronic Technology CO., LTD  
**Address & Country** : 17F, Commerce building of Ningbo, No 588, south Tiantong road, yinzhou yinzhou district Ningbo, China

**Manufacturer** : Ningbo Lexing Inductor Electronic Co., Ltd.  
No. 35 Zhuquan Road, Science & Technology Area. Ninghai  
Ningbo, China

Equipment Specification:

Product Description	Models (2x)	Trademark	Software N° / Hardware N°	Batch / Serial N°
Microwave Sensor	#1: PD-V4 #2: PD-V4-UFL	--	-- / --	-- / --

Transmitter (and Receiver) Rating(s):

Frequency Range Tx	Max. RF power	Antenna / Gain	ITU / Modulation
PD-V4: 5812.25 MHz (1 Ch)	2.90 dBm EIRP	Integrated / 1 dBi	N0N / --
PD-V4-UFL: 5812.25 MHz (1 Ch)	2.11 dBm EIRP	Integrated / 0.2 dBi	N0N / --

Test Reports and Applied Standards contained in the Technical Construction File (TCF):

Testing Laboratory	Test Report	Standard / Regulation	Article	Verdict
DongGuan Precise Testing Service Co., Ltd.	PTC8004471605E-EM01: 2016-07-07	EN 300 440-1 V1.6.1; EN 300 440-2 V1.4.1	3.2 Radio	Conform
	PTC8004471605E-EM02: 2016-07-07	EN 301 489-1 V1.9.2; EN 301 489-3 V1.6.1	3.1b EMC	Conform
	PTC8004471605E-EM03: 2016-07-07	EN 62479:2010	3.1a Health	Conform
	PTC800447160510S-LD01: 2016-05-14	EN 60950-1:2006 +A11:2009+A10:2009+A12:2011+A2:2013	3.1a Safety	Conform

Product and Manufacturing Documentation contained in the Technical Construction File (TCF):

<input checked="" type="checkbox"/>	PCB Layout, Placement	PD-V4_PCB Playout.pdf, 1 page; PD-V4_PCB Placement.pdf, 1 page	
<input checked="" type="checkbox"/>	Parts List	PD-V4_BOM.pdf, 1 page, 2016-03-04	
<input checked="" type="checkbox"/>	Block, Circuit Diagram	PD-V4_Block Diagram.pdf, 1 page; PD-V4_SCH.pdf (Revision A), 1 page, 2010-03-15	
<input checked="" type="checkbox"/>	Internal, External Photos	PD-V4_Internal Photos, 1 page; PD-V4_External Photos.pdf, 2 pages	
<input checked="" type="checkbox"/>	User Documentation	PD-V4_User Manual.pdf (Installation Instructions; PD-V4, PD-V4-UFL), 2 pages	
<input checked="" type="checkbox"/>	Other Documentation	PD-V4_Operation Description.pdf, 3 pages PD-V4_Label and Label Location.pdf, 1 page PD-V4_Test Setup.pdf, 1 page model attestation.pdf, 1 page, 2016-07-20 Declaration of Conformity (Ningbo Pdlux Electronic Technology CO., LTD.), 1 page, 2016-06-28	

### Remarks/Notes/Limitations:

**Remarks:** none.

**Notes:** none.

**Limitations:** Before putting a product on the market which uses non harmonised frequencies (Class 2), the national authorities of the member states have to be notified. The NB Opinion assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service. Products in compliance with all provisions of all applicable directives providing for the CE marking must bear this marking.

# CE 1856

Confirmation Date: **2016-07-20**

Agency attestation: TELECONFORMITY  
Mr. M. Koop  
Function: Manager

