

# CERTIFICATE RED-1198

Our ref. HEL-CERT180700373-01

## EU TYPE EXAMINATION CERTIFICATE RADIO EQUIPMENT DIRECTIVE 2014/53/EU

<b>Product</b>	Ex Digital Radio
<b>Model</b>	PD715Ex U(1)
<b>Series model</b>	PD712Ex U(1), PD716Ex U(1), PD718Ex U(1)
<b>Trade mark</b>	Hytera
<b>Certificate Holder</b>	Hytera Communications Corporation Limited. Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, 518057, Guangdong, China
<b>Manufacturer</b>	Same as applicant
<b>Technical information</b>	See appendix
<b>Compliance with the requirements on the basis of type examination</b>	Product fulfils the requirements of the standard(s) listed in appendix 1 and the essential requirements set out in Article 3.1a (health), Article 3.1b (EMC) and Article 3.2 (radio spectrum use) of Radio Equipment directive 2014/53/EU
<b>Validity</b>	This certificate is valid until 2023-07-18 unless the standard in question has been amended or superseded.
<b>Date of issue</b>	2018-07-18

**SGS Fimko Ltd**

**Signature**



Janne Nyman  
Compliance Specialist

SGS Fimko Ltd is a Notified Body (0598) according to the RE Directive 2014/53/EU.  
Authentication of this Certificate can be confirmed at: [sgs.fimko@sgs.com](mailto:sgs.fimko@sgs.com)

**CE**  
0598

**This certificate has 1 appendix**



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

**Manufacturing sites**

Hytera Communications Corporation Limited Baolong Branch  
 Plant No. 3 Hytera Hi-Tech Park, Baolong Industrial Area, Longgang District,  
 Shenzhen, Guangdong, China

**Applied standards**

Article	Standard	Test report number
3.1a Health & Safety	EN 62311:2008 EN 62209-2:2010 EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013	RDG160420010-20A1 RSZ141208001-20A1 RZA1112-2095SAR02R1 R2DG160420010-03A2 RSZ141208001-03A1 TRS11100048
3.1b EMC	Draft EN 301 489-1 v2.2.0 Draft EN 301 489-5 v2.2.0 Draft EN 301 489-19 v2.1.0 EN 60945:2002 EN 301 843 v2.2.1	SZEM180600574501 SZEM180600496501 RDG160420010-02A2 RSZ141208001-02A1 TRE1110003704 TRE1110003705
3.2 Radio Spectrum	EN 303 413 V1.1.1 EN 300 086 V2.1.2 EN 300 113 V2.2.1	SZEM180600574502 SZEM180600574503 SZEM180600574504 RSZ141208001-22BA1 RSZ141208001-22AA1 RDG160420010-22BA2 RDG160420010-22AA2 RDG160420010-22CA2 TRE1110003701 TRE1110003702

**Additional information**

According to the manufacturer's declaration all models are identical. Different model markings are only for marketing purposes and indicating the sales area.

**Technical information**

Operating voltage:  
12 VDC, 1 A

Frequency band:  
UHF: 400 – 470 MHz  
GPS: 1575.42 MHz

Modulation:  
FM for analog, 4FSK for digital

Channel spacing:  
12.5 / 25 kHz for FM  
12.5 kHz for 4FSK

Transmit power:  
30.8 dBm (conducted) for FM  
30.0 dBm (conducted) for 4FSK

Antenna type: External  
Max gain: 0 dBi

Hardware version: G  
Software version: R7.6

## Additional information

**This type examination certificate is based on the inspection of the technical file ref. no. Hytera\_PD715Ex U(1).**

**This certificate is valid only for the models mentioned in this certificate.**

**The manufacturer must inform SGS Fimko if any technical or electrical changes made to the product covered by this certificate, as unauthorised modifications would invalidate this certificate.**