

# DATA SHEET GEMALTO CINTERION®

## PLS62-W MODULE

### KEY BENEFITS

Twelve worldwide LTE bands (LTE Cat. 1)
Support IPv6
Free firmware updates over the air (FOTA)
Extended temperature range of -40 to +90° C
SMS (Text/PDU format) support
Compact design (33 x 29 x 2.3 mm)

### NETWORK

<b>3GPP Protocol Stack Compliancy</b>	Release 9
<b>Support for TS.34 IoT Communication Efficiency</b>	Radio Policy Manager (RPM)
<b>Wireless Protocol Support</b>	
2G/GPRS	Supported
3G/UMTS	Supported
4G/LTE	Supported
NB-IoT	None
<b>Frequency Band Support</b>	
2G Bands (MHz)	850, 900, 1800, 1900
3G Bands (MHz)	B1, B2, B4, B5, B8, B9, B19
4G Bands (MHz)	B1, B2, B3, B4, B5, B7, B8, B12, B18, B19, B20, B28
NB-IoT Bands (MHz)	None
<b>3GPP Classes / Categories</b>	
CSD	None
GPRS Multislot Class (DL/UL)	12
EDGE Class (DL/UL)	12
HSDPA Category (DL)	8 (7.2 Mbps)
HSUPA Category (UL)	6 (5.76 Mbps)
LTE Category	1 (10.2 Mbps, 5.2 Mbps)
NB-IoT Category	None
<b>Short Message Service (SMS)</b>	Text, PDU mode
<b>Speech Codecs</b>	None
<b>Protocol Support</b>	TCP/IP, UDP, FTP, HTTP, DNS
<b>Firmware Updates</b>	FOTA
<b>Integrated Positioning Technology</b>	

GPS	None
GLONASS	None
Control Plane A-GPS Support	None
SUPL A-GPS Support	None
<b>Regulatory</b>	
eCall	None
Standalone / Assisted GNSS	None
TTY	None

### HARDWARE

Dimensions (L x W x H, mm)	33 x 39 x 2.3
Weight (g)	5
Operating Temperature - Extended Operation (°C)	-40 °C to +90 °C
Supply Voltage Range (V)	3.1 - 4.5
<b>Interfaces</b>	
USB 2.0 (480 Mbps)	Supported
ASC0 HS Serial Modem	Supported
GPIO Lines	Supported
UICC and U/SIM (1.8 V/3 V)	1.8 V, 3 V
I <sup>2</sup> C	Supported
4-Wire HS Serial Interfaces	None
Digital Audio interface	None
ADC interface	Supported



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## CERTIFICATION DETAILS

GMA Certification	None
Deutsche Telekom Certification Date (Initial Firmware)	21.03.2019 (02.000)
Certified Deutsche Telekom Affiliates	AT, CZ, DE, GR, HR, HU, ME, MK, NL, PL, RO, SK
Certifying Entity	Deutsche Telekom AG, ITS-IVA
DT Certification Type (Conditions)	<b>Full</b> (Technical issues to address)
<b>Deutsche Telekom Affiliate Country Codes</b>	
AT	T-Mobile Austria GmbH
CZ	T-Mobile Czech Republic a.s.
DE	Telekom Deutschland GmbH
GR	COSMOTE Mobile Telecommunications S.A.
HR	Hrvatski Telekom d.d.
HU	Magyar Telekom Telecommunications plc
ME	Cmorgski Telekom a.d. Podgorica
MK	Makedonski Telekom AD – Skopje
NL	T-Mobile Netherlands B.B.
PL	T-Mobile Polska S.A.
RO	Telekom Romania Mobile Communications S.A.
SK	Slovak Telekom, a.s.



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