HYUNDAI
SECURITY DEVICE

Cable, RS-232 to USB, 1.8m
HYU-FA-RS232USB-1.8

User Manual

GENUINE PRODUCT OF
HYUNDAI CORPORATION

Description

The 623 GSM module connects to compatible control and indicating equipment and sends fire detection and alarm system status messages to pre-configured mobile telephone numbers[1].

A standard SIM (not supplied) is required to be installed in the 623, and an antenna is included for connection to the mobile telephone network. The 623 is powered from a DC 24 V power source available from the CIE.

The 623 GSM module provides fire detection and alarm system designers with an economical and reliable method to transmit CIE status messages to building engineers and others who desire immediate notification of changes in the status of the CIE.

Features

- Compatible with Numens control and indicating equipment
- RS-232 data connection port to CIE
- Reload control, to restore factory settings
- Green LED power indicator
- Powered from CIE auxiliary DC 24 V supply output
- USB interface for firmware updates
- Easy installation
- Low maintenance



GSM module

Specifications

Power Supply	HYU-FA-RS232USB-1.8
Operating voltage	DC (12 ~ 33) V
Operating current	(22~45) mA
Power on indicator	Red LED
Power interface	(0.4 ~ 2.5) mm^2 conductors
Radio	
Maximum transmit power	GSM/GPRS power level： --GSM850/EGSM900: 4(33dBm±2dB) --DCS1800/PCS1900: 1(30dBm±2dB) EDGE power level： --GSM850/EGSM900: E2(27dBm±3dB) --DCS1800/PCS1900: E1(26dBm+3dB/-4dB) LTE power level: 3 (23dBm±2.7dB)
SIM card	1.8V/3V
Standard frequency band	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/ B20/B25/B26/B28/B66 LTE-TDD: B38/B39/B40/B41 GSM: 850/900/1800/1900MHz
Antenna gain	7 dB
Antenna connector type	SMA
Antenna cable	1.5 m
Antenna mounting base	Magnetic
Normal operation	Normal LED flashes
Operation	
CIE data connection port	3-pin
Reload control	Restore factory settings
Environmental	
Operating temperature	(-40 ~ +85) °C
Operating humidity	(0 ~ 95) % RH, non-condensing
Storage temperature	(-45 ~ +85) °C
Storage humidity	(0 ~ 98) % RH, non-condensing
Ingress protection rating	IP-54
Miscellaneous	
Dimensions (h × w × d)	(90 × 84 × 25) mm
Weight	165 g

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