

Br828

Br828P	POCSAG Alphanumeric Pager
Br828PG	POCSAG Alphanumeric Pager with 3G/GSM
Br828PGT	POCSAG Alphanumeric Pager with 3G/GSM & GPS
Br828PGTW	POCSAG Alphanumeric Pager with 3G/GSM,GPS & WiFi

Specifications

Display:	Large TFT Colour Display, 2.2 inch, 320 X 240 pixels
Operating Temperature:	-10°C to +50°C
Storage Temperature:	-40°C to +85°C
Alert Tone Loudness:	88 dB @ 12 inches
Weight (with battery):	110 grams
Battery Type:	3.7 V, 1300 mAh Li - polymer
Battery life (standby)	
(Br828P):	Up to 10 days
(Br828PG)	Up to 5 days
(Br828PGT)	Up to 2 days
(Br828PGTW)	Up to 1 day
Charging:	5V via mini-USB Port
Packing List:	Br828, Belt holster, USB cable & wall charger in white box



Paging

	VHF / UHF	900 MHz		POCSAG
Channel Spacing:	25 kHz, 12.5 kHz	25 kHz	Capcode:	8 RIC / 32 Sub-RIC
Paging Sensitivity:	-107 dBm	-104 dBm	Baud rate:	512 / 1200 / 2400 bps
EIA Selectivity:	50 dB	40 dB	Frequency:	VHF (135-175 MHz)
EIA Spurious and Image Rejection:	50 dB	40 dB		UHF (452-468 MHz)
IM Rejection:	50 dB	40 dB		900 MHz (929-932 MHz)

GPS

Receiver type:	Multi-GNSS (support GPS,QZSS, GLONASS, Beidou)
Sensitivity:	-165 dBm (Tracking) -148 dBm (Cold Start)

WiFi

Network Protocol:	802.11 b/g/n
Receiver sensitivity:	-94 dBm @ 1 Mbps
TX output power(b/g/n):	18/14.5/13.5 dBm

3G/GSM

	USA	Europe/Asia
3G:	850/1900	900/2100 MHz
GSM:	850/1900	900/1800 MHz

DAVISCOMMS

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*Specifications subject to change without notice.
Rev.C

	Br828 P	Br828 PG	Br828 PGT	Br828 PGTW
Up to 200 messages per folder	•	•	•	•
Message folders:				
1. Page Message Folder	•	•	•	•
2. Text Message Folder		•	•	•
3. Archive Message Folder	•	•	•	•
Up to 500 characters per page message, 160 characters per text message	•	•	•	•
3 individual alarms with choice of day with weekly repeat	•	•	•	•
Low battery alert	•	•	•	•
Unread message reminder alert	•	•	•	•
Adjustable LCD contrast	•	•	•	•
Battery level indicator	•	•	•	•
Out-of-range indicator	•	•	•	•
Private time (auto off interval setting)	•	•	•	•
Duplicate message detection	•	•	•	•
Message time and date stamp	•	•	•	•
AES-128 decryption	•	•	•	•
POCSAG pager Sub-address alert tone (Only for alert 1)	•	•	•	•
Up to 10 European language prompt	•	•	•	•
Keypad programming (configurable capcode & baud rate)	•	•	•	•
Message Acknowledgement		•	•	•
Canned message reply		•	•	•
Auto time and date update (Cellular network dependent)		•	•	•
Cellular on/off		•	•	•
Incoming and outgoing voice call from/to pre-defined phone numbers		•	•	•
Real time location tracking by GPS			•	•
Geo-fence alert (in and out of alert zone)			•	•
Indoor tracking and messaging by WiFi				•
SOS Communication				
SOS siren alert	•	•	•	•
SOS emergency call/text message reporting		•	•	•
SOS emergency location reporting			•	•
Silent listen-in		•	•	•