

DPU Series

DPU-414 DESKTOP OR PORTABLE PRINTER

Now with Remote RF Communications

For a compact desktop or portable thermal printer, the DPU-414 is an excellent selection. It incorporates our STP printer mechanism to ensure silent and high-quality printing of characters plus high-density graphics. And in quadruple-density bit image mode, 640-dot (max.) CRT display hardcopy is possible (with horizontal vs. vertical ratio of 1:1).

- CRT display hardcopy, HEX dump copy
- Optional RF wireless transceiver
- Dual-power supply
- Support for Centronics and serial data input
- Built-in data buffer (approx. 28kb)
- 40 columns in standard characters or 80 columns in condensed characters



DPU-414



Wireless Printing Versatility

The DPU-414 portable thermal printer can be outfitted to handle wireless communications. For maximum flexibility and mobility, an optional RF transceiver can be connected via the printer's RS-232C port to transmit information over distances and through most structures for complete freedom. It's one more reason the DPU-414 is an excellent choice for performance and versatility.

Model		DPU414-30B
Printing	Method	Thermal serial head system
	No. of dots/line	320
	No. of characters/line	40 (normal), 80 (condensed)
	Character matrix	9 x 7 dot matrix (normal)
	Width (mm)	90
	Resolution	3.57 x 3.57 dots/mm, 7.14 x 3.57 dots/mm (90.7 x 90.7 dpi, 181.4 x 90.7 dpi)
	Speed (cl/s)	1.3 - normal, 1 - condensed
Data input method	Speed (cps)	52.2 - normal, 80 - condensed
	Serial	Serial (RS-232C) 9-pin D-SUB
	Parallel	8-bit parallel (Centronics) 36-pin
Dimensions (WxDxH) mm		160 x 170 x 66.5
Weight (g)	Approx.	580 (excluding battery)
Power supply	Optional	6.5 VDC @ 2.0 A
Service life	Pulse activation	500,000 lines
	Abrasion resistance	1 x 10E-6/line max
Paper	Width (mm)	112 +0/-1
	Cut method	Tear bar
Operating temperature (°C)		0 to 40
Storage environment (°C)		-20 to 60
Input buffer size		28 Kbytes
Accessories	Power supply	Part # PW-4007-U1 (6.5VDC AC adapter)
	Rechargeable battery	Part # BP-4005 (Ni-MH rechargeable battery)
RF	Indoor range	500-1500 ft. (normal construction)
Communications	Outdoor range	2 mi. line of sight (omni-directional antenna) 12 mi. line of sight (directional antenna)
	Connectivity	Serial RS-232
	Frequency band	2.4 GHz license free
	Radio data rate	9.6 Kbps full duplex
	Security	Rapid/random frequency hopping Data encryption software support
	Antennas	Omni-directional (up to 5 dBi)
		Directional (up to 16 dBi)
	Application examples	