DOT MATRIX PRINTER

24-PIN WIDE CARRIAGE LQ-2190





Epson's dot matrix printer is designed to offer busy offices unparalleled performance and reliability. Its high speed of up to 480 cps (10cpi) and an MTBF (Mean Time Before Failure) of 20,000 POH (Power On Hours) make this extremely durable printer an ideal solution for medium and large print volumes. With a built-in USB, parallel interface and optional network print server, it's engineered for versatile connectivity. The LQ-2190 is a fast, flexible, cost-effective and highly reliable printing solution that you can rely on.









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Cost Effective







IT'S IN THE DETAILS.

High Print Speed

Boost productivity with a fast print speed of up to 480 cps (10 cpi).

Robust and Reliable

A MTBF of 20,000 POH guarantees uninterrupted operation and less maintenance.

Versatile Connectivity

Built-in USB, parallel interface and an optional network print server offer seamless connectivity and fuss-free printing.



PC 888, ISO 8859-15, IKUA/2, TIS 11, TIS 18, TIS 17, TIS 13, TIS 16, SMWINI- for Thai version only in the value of the v					
National Period	MODEL NUMBER		LQ-2190		
September Sept	Printer Technology				
Prict Decode Biofrection with body sealing			Impact dot matrix		
SCAPP and IRM PROS emailton SCAPP and IRM PROS SCAPP and	-		24 pins		
Printer Speed	Print Direction		Bi-direction with logic seeking		
High Speed Draft	Control Code		ESC/P2 and IBM PPDS em	ulation	
High Speed Draft	Printer Speed				
Dort	•	10 / 12 cpi	480 / 576 cps		
Description	•	·			
Letter Caulary		•	 		
Letter Caluary Condensed 17 / 20 cpt		·			
Print Characteristics	•	•			
Character Table		17 / 20 Cpi	200 / 240 Cps		
Ejsson Porton Ejsson Sprint Coople Ejsson Ejsso	Character Table		tables: Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portuguese), PC861 (lealandic), PC863 (Canadian-French), PC865 (Nordic), [BRASCII, Abicomp, Roman 8, ISO Latin 1]*, PC 858, ISO 8859-15, [KU42, TIS 11, TIS 18, TIS 17, TIS 13, TIS 16, SM/WIN - for Thai version only] * Not available on Thai version		
Bancute Fortis	•		Epson Roman / Epson San	s Serif: 10cpi, 12cpi, 15cpi, Pro	
Printable Columns Pick 10 / 12 / 15 / 17 / 20 cpi Paper Handling Paper Plath	Scalable Fonts		Epson Roman / Sans Serif / Roman T / Sans Serif H: 10.5pt., 8pt 32pt. (every 2pt.)		
Paper Handling Paper Handling Paper Handling Paper Handling Paper Handling Paper Path Handlor (Firont or rear in It, top out), Putal Tractor (Firont or rear in It, top out), Paper Path Handlor (Firont or rear or bottom In, top out), Paper Media Cut Sheet (Single Sheet) Entry, Front 148 - 420 mm 100 - 420 mm 0.065 - 0.14 mm 168 - 165 (3.3 - 16.5) (3.3 - 16.5) (3.0 - 16.5) (Barcode Fonts				
Paper Handling	Printable Columns				
Report Houlding Paper Houlding Paper Houlding Paper Path Paper Path Paper Path Paper Path Paper Path Paper Paper Path Paper Paper Path Paper	Pitch	10 / 12 / 15 / 17 / 20 cpi	136 / 163 / 204 / 233 / 272	cpl	
Paul Tector Front or sear or bottom in, top out)					ont or rear in top out)
Cut Sheet (Single Sheet)	-1- m: : mm:				
Entry: Rear 100 - 420 mm 100 -	Paper / Media		Length	Width	Thickness
Entry: Rear	Cut Sheet (Single Sheet)	Entry: Front	148 - 420 mm	100 - 420 mm	0.065 - 0.14 mm
Cut Sheet (Multi-part)		•	(5.8 - 16.5")	(3.9 - 16.5")	(0.0025 - 0.0055")
Cut Sheet (Multi-part)		Entry: Rear	100 - 420 mm	100 - 420 mm	0.065 - 0.14 mm
Enthy: Rear Enthy: Rear 100 - 420 mm 100 - 420 mm (0.0047 - 0.0187) (rotal) (3.9 - 16.57) (0.0047 - 0.0187) (rotal) (3.9 - 16.57) (0.0047 - 0.0187) (rotal) (3.9 - 16.57) (3.9 - 16.57) (0.0047 - 0.0187) (rotal) (3.9 - 16.57) (0.0047 - 0.0187) (rotal) (3.9 - 16.57) (0.0047 - 0.0187) (rotal) (3.9 - 16.57) (3.9 - 16.57) (0.0047 - 0.0187) (rotal) (3.9 - 16.57) (3.9 - 16.57) (0.0047 - 0.0187) (rotal) (3.9 - 16.57) (3			(3.9 - 16.5")	(3.9 - 16.5")	(0.0025 - 0.0055")
Entry: Rear 100 - 420 mm		Entry: Front			
Copies 10 riginal + 5 Copies 10 riginal + 10 rigin			,	, ,	
Copies		Entry: Rear			
Continuous Paper (Single Sheet / Multi-part) Entry: Front, Rear, Bottom (10.6 - 558.8 mm (10.16 - 406.4 mm (0.0025 - 0.018") (Total) (10.25") (10.4 mm (0.0025 - 0.018") (Total) (10.25") (10.4 mm (10.0025 - 0.018") (Total) (10.25") (10.4 mm (10.0025 - 0.018") (Total) (10.25") (10.0063 - 0.020") (Total) (10.25") (10.0063 - 0.020") (Total) (10.006				(3.9 - 16.5")	(0.0047 - 0.018") (Total)
Entry: Front, Rear, Bottom (4 - 20		·	1 Original + 5 Copies		
4 - 227 (4 - 16") (0.0025" - 0.018") (Total)	Continuous Paper (Single	· ·			
Copies		Entry: Front, Rear, Bottom			
Envelope (No.6)		Orașia	 	(4 - 16")	(0.0025" - 0.018") (10tal)
Envelope (No.10)	E	·		105	0.40 0.50
Envelope (No.10)	Envelope (No.6)	Entry: Hear			
Label (Base Sheet)	Envelone (No. 10)	Entry: Rear		. ,	
Card	Livelope (No. 10)	Lift y. Floca			
Card Entry: Front, Rear 148 - 200 mm 100 - 200 mm 0.22mm (0.0087")	Label (Base Sheet)	Entry: Bottom	101.6 - 558.8 mm	101.6 - 406.4 mm	0.16 - 0.19 mm
See Fig. 19			(4 - 22")	(4 - 16")	(0.0063 - 0.0075") (Total)
Diameter Width Thickness	Card	Entry: Front, Rear			
Roll Paper			(5.8 - 7.8")	(3.9 - 7.8")	(0.0087")
Line Spacing 4.23mm (1/6") or programmable in increments of 0.0706mm (1/360") 54 dB Input Data Buffer 128 KB Interface 128 KB Interface (IEEE-1284 nibble mode supported), USB 2.0 (Full Speed), Type B I/F Level 2 (Option), PS107, iPv6 network card (option) Fabric Ribbon Cartridge (Black) Approx. 15 million Characters¹ Reliability Mean Print Volume Between Failure (MVBF) Mean Time Between Failure (MVBF) Mean Time Between Failure (MTBF) 20,000 Power On Hours (POH) (25% Duty) Print Head Life 400 million strokes/wire 6 switches and 10 LEDs are located on the panel Frinteromental Conditions (Operating) Temperature Hurnicity 10 - 80% RH (Operating²), 30 - 60% RH (Operating²²²) Hurnicity Power Consumption Operating AC 220 - 240 V Rated Frequency Power Consumption Operating Approx. 46W (ISO/IEC10561 Letter Pattern) Approx. 3W OW in powered off mode Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)			Diameter	Width	Thickness
Acoustic Noise Input Data Buffer Interface Bi-directional Parallel Interface (IEEE-1284 nibble mode supported), USB 2.0 (Full Speed), Type B I/F Level 2 (Option), PS107, iPV6 network card (option) Ribbon Cartridge Standard Ribbon Life Reliability Mean Print Volume Between Failure (MVBF) Mean Time Between Failure (MTBF) 20,000 Power On Hours (POH) (25% Duty) Print Head Life 400 million strokes/wire Control Panel Environmental Conditions (Operating) Temperature Hurnicity 10 - 80% RH (Operating²), 30 - 60% RH (Operating²²³) Electrical Specifi cation Rated Voltage Rated Voltage Rated Frequency Power Consumption Operating Sleep Mode Power Off Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	Roll Paper	Entry: Rear	127mm (5")	216mm (8.5")	0.07 - 0.09 mm (0.0028 - 0.0035")
Input Data Buffer Interface Set directional Parallel Interface (IEEE-1284 nibble mode supported), USB 2.0 (Full Speed), Type B UF Level 2 (Option), PS107, iPv6 network card (option) Fabric Ribbon Cartridge Standard Approx. 15 million Characters¹ Reliability Approx. 15 million Characters¹ Mean Print Volume Between Failure (MVBF) 40 million lines (except print head) Mean Time Between Failure (MTBF) 20,000 Power On Hours (POH) (25% Duty) Print Head Life 400 million strokes/wire 6 switches and 10 LEDs are located on the panel Environmental Conditions (Operating) 10 - 80% RH (Operating³², 30 - 60% RH (Operating³²³) Humidity 10 - 80% RH (Operating³³), 30 - 60% RH (Operating³²³) Electrical Specifi cation AC 220 - 240 V 50 - 60 Hz Approx. 3W Approx. 3W OW in powered off mode Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Electrical System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Electrical System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Electrical System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Electrical System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Electrical System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10	Line Spacing		4.23mm (1/6") or programn	nable in increments of 0.0706mi	m (1/360")
Interface Bi-directional Parallel Interface (IEEE-1284 nibble mode supported), USB 2.0 (Full Speed), Type B I/F Level 2 (Option), PS107, iPv6 network card (option) Ribbon Cartridge Standard Ribbon Life Approx. 15 million Characters' Reliability Mean Print Volume Between Failure (MVBF) Mean Time Between Failure (MTBF) Mean Time Between Failure (MTBF) Print Head Life 400 nillion strokes/wire 60 switches and 10 LEDs are located on the panel 60 switches and 10 LEDs are loca	Acoustic Noise		54 dB		
Type B I/F Level 2 (Option), PS107, iPv6 network card (option) Ribbon Cartridge Standard Ribbon Life Approx. 15 million Characters¹ Mean Print Volume Between Failure (MVBF) Mean Print Volume Between Failure (MVBF) Mean Time Between Failure (MTBF) 20,000 Power On Hours (POH) (25% Duty) Print Head Life Control Panel 6 switches and 10 LEDs are located on the panel Environmental Conditions (Operating) Temperature 5 - 35°C (Operating²), 15 - 25°C (Operating²²²) Humiclity 10 - 80% RH (Operating²), 30 - 60% RH (Operating²²²) Electrical Specification Rated Voltage Rated Frequency Power Consumption Operating Sleep Mode Power Off OW in powered off mode Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10	Input Data Buffer		128 KB		
Ribbon Cartridge Standard Ribbon Life Approx. 15 million Characters' Approx. Approx. Approx. Approx. 15 million Characters' Approx. Approx. Approx. 15 million Characters' Approx. 15 million Characters' Approx. 15 million Characters' Approx. 30 million Strokes/wire Approx. 3W Approx. Ap	Interface				
Reliability Mean Print Volume Between Failure (MVBF) Mean Time Between Failure (MTBF) Mean Drint Between Failure (MTBF) Mean Time Between Failure (MTBF) Mean Time Between Failure (MTBF) Month Inead Life Control Panel Environmental Conditions (Operating) Temperature Furnicity Electrical Specification Rated Voltage Rated Frequency Power Consumption Operating Sleep Mode Power Off Printer Driver / Utility Operating System Utility Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Homilion Lines (except print head) 40 million lines (except print print) 40			Type B I/F Level 2 (Option), PS107, iPv6 network card (option)		
Reliability Mean Print Volume Between Failure (MVBF) Mean Time Between Failure (MTBF) Print Plead Life Control Panel Environmental Conditions (Operating) Femperature Femperature Femperature Fill Cation Rated Voltage Rated Frequency Power Consumption Operating Sleep Mode Power Off Printer Driver / Utility Operating System Utility Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10) 40 million lines (except print head) 50 extends 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10 LEDs are located on the panel 6 switches and 10	Ribbon Cartridge				
Mean Print Volume Between Failure (MVBF) 40 million lines (except print head) Mean Time Between Failure (MTBF) 20,000 Power On Hours (POH) (25% Duty) Print Head Life 400 million strokes/wire Control Panel 6 switches and 10 LEDs are located on the panel Environmental Conditions (Operating) 5 - 35°C (Operating*), 15 - 25°C (Operating**) Temperature 5 - 35°C (Operating**), 15 - 25°C (Operating**) Humidity 10 - 80% RH (Operating**), 30 - 60% RH (Operating***) Electrical Specification AC 220 - 240 V Rated Voltage AC 220 - 240 V Rated Frequency 50 - 60 Hz Power Consumption Operating Approx. 46W (ISO/IEC10561 Letter Pattern) Approx. 3W OW in powered off mode Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)		Ribbon Life	Approx. 15 million Characte	rs*1	
Mean Time Between Failure (MTBF) 20,000 Power On Hours (POH) (25% Duty) Print Head Life 400 million strokes/wire Control Panel 6 switches and 10 LEDs are located on the panel Environmental Conditions (Operating) 5 - 35°C (Operating**), 15 - 25°C (Operating************************************	•				
Print Head Life 400 million strokes/wire Control Panel 6 switches and 10 LEDs are located on the panel Environmental Conditions (Operating) Temperature 5 - 35°C (Operating²), 15 - 25°C (Operating²²) Humidity 10 - 80% RH (Operating²), 30 - 60% RH (Operating²²) Electrical Specification Rated Voltage AC 220 - 240 V Rated Frequency 50 - 60 Hz Power Consumption Operating Approx. 46W (ISO/IEC10561 Letter Pattern) Sleep Mode Approx. 3W Power Off OW in powered off mode Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	Mean Print Volume Between I	Failure (MVBF)	40 million lines (except print	head)	
Control Panel Environmental Conditions (Operating) Temperature 5 - 35°C (Operating²), 15 - 25°C (Operating²³) Humidity 10 - 80% RH (Operating²³), 30 - 60% RH (Operating²³) Electrical Specification Rated Voltage AC 220 - 240 V Rated Frequency 50 - 60 Hz Power Consumption Operating Sleep Mode Power Off Operating Own in powered off mode Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Electrical Specification AC 220 - 240 V Approx. 46W (ISO/IEC10561 Letter Pattern) Approx. 3W Ow in powered off mode Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	Mean Time Between Failure (MTBF)		20,000 Power On Hours (POH) (25% Duty)		
Environmental Conditions (Operating) Temperature 5 - 35°C (Operating**), 15 - 25°C (Operating***) Humidity 10 - 80% RH (Operating**), 30 - 60% RH (Operating***) Electrical Specification Rated Voltage AC 220 - 240 V Rated Frequency 50 - 60 Hz Power Consumption Operating Approx. 46W (ISO/IEC10561 Letter Pattern) Sleep Mode Power Off OW in powered off mode Printer Driver / Utility Operating System Microsoft** Windows** 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft** Windows** 2000 / XP / Vista / 7 / 8 / 10)	Print Head Life		400 million strokes/wire		
Temperature 5 - 35°C (Operating²), 15 - 25°C (Operating²³) Humidity 10 - 80% RH (Operating²), 30 - 60% RH (Operating²³) Electrical Specification AC 220 - 240 V Rated Voltage 50 - 60 Hz Power Consumption Operating Approx. 46W (ISO/IEC10561 Letter Pattern) Sleep Mode Approx. 3W Power Off OW in powered off mode Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	Control Panel		6 switches and 10 LEDs are	e located on the panel	
Humidity	Environmental Conditions (Op	erating)			
Electrical Specification	Temperature		5 - 35°C (Operating ¹²), 15 -	25°C (Operating*2*3)	
Rated Voltage AC 220 - 240 V Rated Frequency 50 - 60 Hz Power Consumption Operating Sieep Mode Power Off Approx. 46W (ISO/IEC10561 Letter Pattern) Printer Driver / Utility OW in powered off mode Printer Driver / Utility Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	Humidity		10 - 80% RH (Operating*2),	30 - 60% RH (Operating*2 *3)	
Rated Voltage AC 220 - 240 V Rated Frequency 50 - 60 Hz Power Consumption Operating Sieep Mode Power Off Approx. 46W (ISO/IEC10561 Letter Pattern) Printer Driver / Utility OW in powered off mode Printer Driver / Utility Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)					
Rated Frequency 50 - 60 Hz Power Consumption Operating Sleep Mode Power Off Approx. 46W (ISO/IEC10561 Letter Pattern) Power Off OW in powered off mode Printer Driver / Utility Wicrosoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	Rated Voltage	AC 220 - 240 V			
Power Consumption Operating Sleep Mode Power Off Approx. 46W (ISO/IEC10561 Letter Pattern) Printer Driver / Utility OW in powered off mode Printer Driver / Utility Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	-		50 - 60 Hz		
Sleep Mode		Operating	Approx. 46W (ISO/IEC10561 Letter Pattern)		
Power Off OW in powered off mode Printer Driver / Utility Wicrosoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	Is				
Printer Driver / Utility Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)		•			
Operating System Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10 Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	Printer Driver / Utility	*****			
Utility Epson Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7 / 8 / 10)	•		Microsoft® Windows® 2000	/ XP / Vista / 7 / 8 / 10	
					Vista / 7 / 8 / 10\
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Dimensions & Weight

Weight: Approx. 13kg (28.66lbs)



Options

 Ribbon Cartridge
 C13S015531

 Pull Tractor Unit
 C12C800322

 PS107-iPv6 Network Card
 7108323

 Serial I/F Card No Buffer Type-B
 C12C824432

Legend

cpi Characters per inch (Characters per 25.4mm)

cps Characters per second

cpl Character per line

- Actual print yield may vary depending on usage purpose and environment
- ¹² Without condensation
- During printing on reclaimed paper, multipart paper, envelope, label or roll paper

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Epson (Thailand) Co.,Ltd.



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