Continuous Ink Jet

**Videojet® 1660**

The 1660 is engineered to deliver increased uptime and reduced cost of ownership to enhance profitability in high-speed applications.

When it comes to uptime and availability in hi-speed, challenging environments, nothing beats the 1660. The Long Life Core™ technology offers five years of operation between planned wear parts replacement, delivering maintenance predictability and lower cost of ownership.¹

Advanced on-board Productivity Tools and built-in Code Assurance software help minimize planned and unplanned downtime, reduce coding errors and optimize Overall Equipment Effectiveness. The 1660 is ideal for multi-shift and extended production periods with line speeds up to 960 feet per minute.

**Uptime Advantage**
- Long Life Core™ guarantees 5 years continuous operation from point of installation¹
- Dynamic Calibration™ keeps your print quality optimal in changing environmental conditions
- CleanFlow™ printhead technology reduces ink buildup and lets you run longer between printhead cleanings

**Built-in productivity**
- User interface not only shows the printer availability percentage, but also the data behind it
- Advanced drill down capability to trace downtime events to their root cause, so you can fix them
- Configurable settings let you track availability to match your production processes and OEE methods
- Recover faster with CLARITY’s one touch fault information

**Code Assurance**
- Prevent costly coding mistakes with CLARITY-based user interface
- Foolproof set-up wizards make it easy to get codes right and hard to get them wrong
- Further reduce errors by pulling data directly from database systems

**Simple usability**
- Large, responsive 10.4” touchscreen is easy to operate and visible from a distance
- Smart Cartridge™ fluid system significantly reduces waste, mess and mistakes
- Automatic start-up and shutdown

¹ Parts-only limited warranty prorated for the remaining life at time of warranty replacement.
Videojet® 1660
Continuous Ink Jet

**Line speed capability**
Can print 1 to 5 lines of print at speeds of up to 960 fpm (293 mpm) (10 characters per inch, single line of print)

**Font matrix configuration**
- Single-line: 5x5, 4x7, 5x7, 7x9, 9x12, 10x16, 16x24, 25x34
- Twin-line: 5x5, 5x7, 7x9, 9x12, 10x16
- Tri-line: 5x5, 4x7, 5x7, 7x9
- Quad-line: 5x5, 4x7, 5x7
- Five-line: 5x5

**Font matrix configuration**
- Single-line: 5x5, 4x7, 5x7, 7x9, 9x12, 16x24, 25x34
- Twin-line: 5x5, 5x7, 7x9, 9x12, 10x16
- Tri-line: 5x5, 4x7, 5x7, 7x9
- Quad-line: 5x5, 4x7, 5x7
- Five-line: 5x5

*Linear bar codes*
- UPC A/E, EAN 8 & 13, Code 128 A, B & C, UCC/EAN 128,
- Code 39, Interleaved 2 of 5, 2D DataMatrix, GS1

**DataMatrix codes**
- 10x10, 12x12, 14x14, 16x16, 8x8, 8x11, 18x18, 20x20, 22x22, 24x24, 16x26, 26x28, 6x12, 32x32, 36x36, 12x38, 16x36, 16x48

**Nominal character height**
- Selectable from 0.079” (2 mm) to 0.40” (10 mm), depending on font

**Throw distance**
- Optimal: 0.472” (12 mm)
- Range: 0.197” (5 mm) to 0.591” (15 mm)

**User interface**
- 10.4” high-response TFT-LCD touch screen
- WYSIWYG touch to edit message editing

**Custom logo/graphics**
- Can be created via optional CLARiSOFT® software

**Character sets**
- Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American

**Languages and interface options**
- English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

**Data interface**
- Ethernet (standard)
- Clarisoft/Clarinet® via ethernet
- Message management via USB

**Message storage**
- More than 250 complex messages

**Environment protection**
- IP65 standard, no plant air required, 316 stainless steel cabinet

**Printhead**
- Heated printhead
- Positive air (standard)
- Diameter: 1.63” (41.3 mm)
- Length: 10.62” (269.8 mm)

**Printhead umbilical**
- Ultra flexible
- Length: 9.84’ (3 m) optional 19.69’ (6 m)
- Diameter: 0.91” (23 mm)
- Bend radius: 4.0” (101.6 mm)

**Make-up fluid consumption**
- As low as 2.4 ml per hour

**Fluids containers**
- Ink Smart Cartridge™ 0.793 qt. (750 ml)
- Make-up Smart Cartridge 0.793 qt. (750 ml)

**Temperature/humidity range**
- 32°F to 122°F (0°C to 50°C)
- 0% to 90% RH non-condensing

**With selected inks, actual installation may require additional hardware based on production environment conditions**

**Electrical requirements**
- Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz., 120 W

**Approximate weight**
- Unpacked and dry: 48.5 lbs. (22 kg)

**Options**
- Dry air kit for high humidity (requires plant air)
- 60 or 70 micron nozzle
- 90 degree printhead
- Wide range of accessories

* CLARiSOFT Package Coding Design software required for bar codes and other advanced functionality.

© 2014 Videojet Technologies Inc. — All rights reserved.

Videojet Technologies Inc.’s policy is one of continued product improvement. We reserve the right to alter design and/or specifications without notice.

Part No. SL000611
1660 Spec Sheet-0914

---

Call 0870 242 1759
or visit www.videojet.co.uk
or email uksales@videojet.com

Videojet Technologies Ltd.
4 & 5 Ermine Centre, Lancaster Way,
Huntingdon, Cambridgeshire PE29 6XX / UK

---

CERTIFIED ISO 9001
DOCUMENTED QUALITY

---

© 2014 Videojet Technologies Inc. — All rights reserved.

Videojet Technologies Inc.’s policy is one of continued product improvement. We reserve the right to alter design and/or specifications without notice.

Part No. SL000611
1660 Spec Sheet-0914