Decision Data’s
IS-488 and LM-488C
Twinax Workstations –
Your Life Just Got
Easier with the Best
Display and Image
Quality on the Market!

Enjoy contemporary design and easy desktop pro-
ductivity along with excellent display and image
quality! Decision Data’s IBM 5250-compatible Twi-
nox displays support local attachment to all IBM
AS/400 and System 36/38 servers, and remote at-
tachment via IBM 5294, 5394 or 5494 controllers,
the Decision Data 3000/4000 series controllers, and
most other IBM-compatible twinax controllers.

- Best display and image quality on the market
- 4 display sessions plus one printer session
- 80/132 column support
- Support for Shared Addressing
- Small footprint
- Optimal desktop productivity with “Alice”
- Migration paths for modular units to Thin Clients,
PCs
- Password security for setup parameters and au-
thorized users
- Host and Local printing, via the parallel port to
low-cost PC-type printers.
- Superior ergonomics, enhanced mouse support
- Free technical support* (see reverse)
- Decision Data’s comprehensive 3-Year Warranty
- Optional integrated data collection support (bar
code / Mag slot readers)
- Monochrome or Color support

The IS-488 and LM-488 are simply the best twinax
workstations available today, with all of the excep-
tional features you’d expect from Decision Data.

Contact Twin Data at 800-597-2525
or info@twindata.com

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Features Overview

Monochrome and Color models. Two twinnax models are available - The LM-488C, a Logic Module with keyboard that supports SVGA color monitors; and the model IS-488 with an integrated monochrome display, choose from Amber, Green or Paper White.

Multiple Sessions and fully featured. Decision Data twinnax workstations manage up to four terminal sessions and one printer session concurrently. Support for IBM’s Shared Addressing allows 26 additional sessions. These workstations are user friendly, using special symbols, including scroll bars, check boxes and push buttons to increase user productivity. Mouse support enables users to point and click when making sessions from pop-up menus, help screens and other display features. The mouse can also be used to perform copy and paste editing functions. A split screen enables independent sizing and scrolling of each window. Color models allow for session-specific customization of foreground, background and text colors for user convenience.

Superior Ergonomic design. Decision Data display units are easy to use, with high quality evident in their physical design, materials, performance and user productivity.

Workstation efficiency gets a serious boost with Decision Data displays. All models have multiple display sessions and one printer session. The units also support split-screen and the simultaneous display of a reference screen with the active screen. The user can paste data from the active screen to the reference screen, where it can be saved or cleared for future reference, or pasted to other applications.

Monochrome workstations consist of a high-resolution 14" monitor that supports a non-glare screen available in green, amber or paper white. The products feature a small footprint, a tilt/swivel stand and support our standard 122-key keyboard, or a slim-profile 102-key keyboard.

The color display logic modules are light and compact, providing a space advantage over traditional terminal logic units. The LM-488C can be easily attached to a standard SVGA monitor that the user provides, or you can choose one of our 14", 15" and 17" SVGA color monitors for a single vendor, single warranty (3 years) point solution for your terminal requirements.

Enhanced Productivity Tools. Execution of routine, repetitive tasks are quicker and easier with the IS-488 & LM-488 twinnax workstations. The powerful type-ahead buffer and 4,000 keystroke record/pause/playback functions enable simplified and error-free data input. Productivity tools include full column tabulation, an enhanced on-line calculator with import/export capabilities, screen cut-and-paste, presentation space, and the ability to mark unprotected fields.

The “Alice” suite. Off-line activities that are part of the Alice productivity suite include; an activity reminder, an alarm clock, a telephone directory, a note pad and a calculator, all easily accessed with the touch of a single “Alice” key.

Versatile printing capabilities. The integrated parallel port enables low-cost PC printers to be attached directly to the IS-488 and LM-488C workstations, for both host initiated print applications and screen printing.

You can select one of several predefined printer configurations, including Epson, HP, LaserJet and IBM printers. Or even use the Printer Definition Utility (PDU) to configure a user-defined printer. The PDU also enables the user to change ASCII translation tables and add or delete printer commands.

With the Print Definition Table (PDT) feature, users can attach virtually any ASCII printer directly to the workstation’s parallel port. Both host directed printing and local printing are supported without system intervention. Printer emulation is enhanced with the Computer-Oriented Rotation function (COR), allowing print images to be shrunk automatically without changing paper settings.

Simplified Data Collection. Decision Data terminals are available with an optional Integrated Keyboard Interface Module (KIM) for either or bar-code or magnetic-slot reader support. See the separate KIM keyboard datasheet for more details.

Three-Year Advance Exchange Warranty. Decision Data workstations are backed by our comprehensive three-year Advance Exchange (cross-ship) warranty in the United States and Canada. This warranty includes the logic unit, keyboard and monitor for a 3-year factory supported warranty to the original end-user purchaser.

Specifications

- **Emulations:** IS-488: 3487, 3180, 3197D, 3197C, 5291. LM-488C: 3487, 3180, 3197D, 3197C, 3488, 5291.
- **Monitors:** IS-488: Integrated monochrome, available in Green, Amber or Paper-White. LM-488C: Extended SVGA color

Common Features: LM/IS488

- Display Format: 24x80, 27x132, 32x80, 43x80, 49x80
- Available Sessions: 4 Display + 1 Printer session (live total)
- Parallel Printer Port
- Shared Addressing support
- Password security
- PS/2 mouse support
- Power saver
- Screen saver
- Enhanced user interface
- Horizontal/Vertical split screen
- Extended character buffer (ecb)
- Keyboard mapping
- Cross/vertical/horizontal ruler
- Calculator (import/export)
- Type-ahead support
- Record/play/pause with 4,000 keystroke capacity
- Cut-and-paste for reference screen
- Integrated magnetic stripe reader (optional)
- Integrated Bar/Code Reader and/or Laser gun (optional)
- Systems printer emulation
- Graphics printing support
- Printer Definition Utility (PDU)
- Choice of 40 pre-configured printer emulations

**IS-488 Monochrome Features:**
- Tilt / Swivel stand
- Choice of Green, Amber, or Paper-White
- Paper-White has five attribute selections

**LM-488C Color Features:**
- SVG A monitor support
- Color palette setup
- 64 color palette
- Foreground color palette
- Background color palette

**Model LM-488C Color Display Characteristics:**
- Vertical refresh rate: 75 Hz
- Horizontal refresh rate: 35 KHz

**Keyboard:**
- Number of keys: choice of 102/103 or 122 keys.
- Layout: Typewriter / Data Entry with adjacent numeric and cursor move keys, 24 program function (F) keys.
- Characteristics: slim profile, two slope adjustment settings, flexible coiled cable.

**Special Attributes:**
- Auto repeat, clicker with adjustable volume.

**Attachments, Printers:**
- Integrated parallel port supporting most IBM, Epson, HP and Canon printer emulations; user defined printers via Printer Definition Utility.

**Scanning Devices:**
- Keyboard Interface Module (KIM) for automatic data collection, supports laser guns, wands, slot readers, magnetic stripe readers, Bar Code readers supported including Kodak 3 of 9 UPCA/EAN, code 128 (USD-6); Interleaved 2 of 5; Special Escape Codes and Matrix 2 of 5. Configurable Pre and Post Amblies.

**Physical Characteristics:**
- Dimensions (HxWxD):
  - IS-488: 26 x 32.4 x 32 cm (10.25" x 12.75" x 12.75")
  - LM-488C: 25 x 6 x 18 cm (10" x 2.5" x 7")
- 122-key Kbd: 6.6 x 50.5 x 21 cm (2.6" x 19.75" x 8.25")

**Product Weights:**
- IS-488: 7.5 kg (16 lbs)
- LM-488C: 1.0 kg (2.2 lbs)
- 122-key Kbd: 1.2 kg (2.5 lbs)

**Shipping Weights:**
- IS-488: 9.5 kg (21 lbs)
- LM-488C: 2.7 kg (6 lbs)
- 122-key Kbd: 2.3 kg (5 lbs)

**Power:**
- 10W max (all models)

**Voltage:**
- 110-240 Volt auto sensing (all models)

**Frequency:**
- 50/60 Hz (all models)

**Operating Temperature:**
- 10°C to 40°C (50°F to 104°F)

**Relative Humidity:**
- 10-80% (non-condensing) (all models)

**Certifications:**
- CE, UL, CSA, FCC

The Decision Data Advantage: Decision data is widely recognized for its high-quality, cost-effective midrange solutions. In fact, we have won an unequaled 31 Buyers Choice Awards since 1990. In 1997, Decision Data also won the first annual Product Excellence Award for terminals from Midrange Computing.

With Decision Data terminals, you get a quality product that is backed by a superior warranty. You also get the added benefit of nearly 30 years of Decision Data’s IBM midrange systems experience.

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