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Thermal transfer overprinting SmartDate® OEM Connect



Seamless integration into your packaging machines

Designed for the most demanding application, the **SmartDate®** X45 and X65 OEM Connect delivers a seamless, cost-effective, trouble-free solution for OEM integration. Compact enough to be connected in any mounting configuration while offering the full capabilities of the **SmartDate®** X45 and **SmartDate®** X65 for message selection, production monitoring and help tutorials. With the **SmartDate®** OEM Connect, integration has never been easier.

Your benefits

- Small footprint. Compact, the **SmartDate®** OEM Connect has been designed to be easily installed in small footprints and reduced cabinet space.
- Plug and Play set-up. Set up with Windows or Internet explorer for easy communication with the host Human Machine Interface (HMI).
- Intuitive User Interface. Utilizing the full functionality of the **SmartDate®** X45 and **SmartDate®** X65 connectivity with WEB User Interface or Virtual Network Computing* via Host HMI. An optional touch screen remote user interface can be connected and positioned anywhere on the packaging machine and industrial detergent and make sure your hygiene standards are met.

Product features

Operation optimization

- Line configuration. **SmartDate®** X45 and **SmartDate®** X65 printers adaptable for intermittent or continuous line configuration.
- Printing flexibility. Can be easily changed from left to right hand with no additional parts.
- Printing capabilities. Printing area maximized with a range of printheads 32mm, 53mm and 128mm.
- High quality codes faster. Print speed can be set from 10 mm to 1,800 mm** per second allowing for 455 printed packs per minute at 300 dpi.

Enhanced user experience

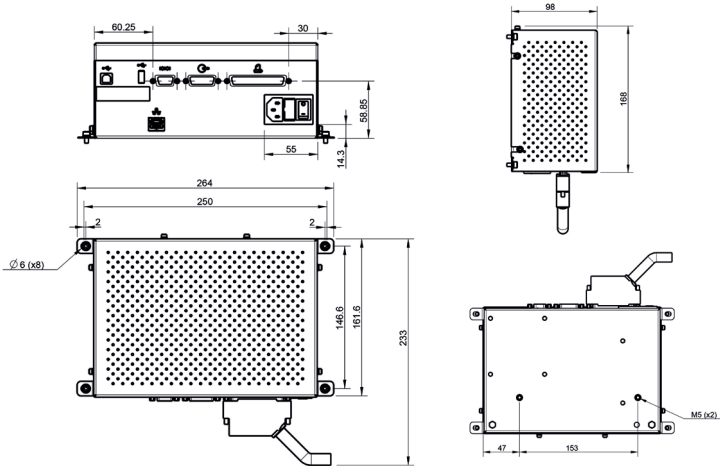
- Tutorials to facilitate daily activities. A range of animated help and “how to” tutorials* providing guidance on setup and daily maintenance procedures to ensure high print quality directly from the packaging machine HMI.
- Consistent quality print. Eliminate defective codes with seamless connectivity to Detect-Plus, **CoLOS®** Mark & Read and other **CoLOS®** solutions.
- Markem-Imaje reliability and service support 24/7 help desk support and extensive network of on-site technical support. Advanced Service Exchange*** for a quick response and delivery of spare parts available in most geographic locations.

*Virtual Network Computing does not support video playback.

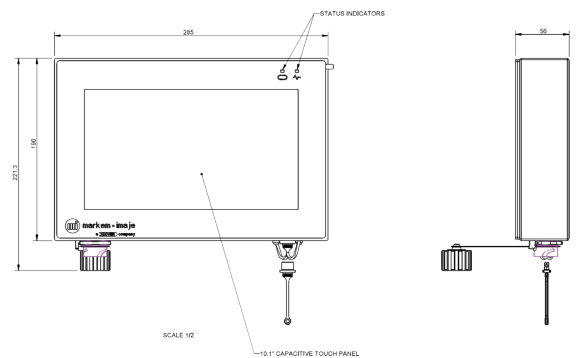
** **SmartDate®** X65 Shuttled *** See conditions defined by Markem-Imaje.

SmartDate® OEM Connect - Specifications

SmartDate OEM Connect



Remote User Interface



Model Name	SmartDate® X45 / X65 OEM Connect
Operations	<ul style="list-style-type: none"> • WEB User Interface or Virtual Network Computing, enables full functionality of the SmartDate® printer directly from the HMI (Human Machine Interface) of the packaging machine. • Three Communication Protocols: via the Web Browser on the host PC, via enhanced DCP Communications and via NGPCL Protocol. • SmartDate X45 and X65 User Familiarity: Animated help tutorials, Print /Image Adjust, On-Board Configurable Password Protection. • WYSIWYG print preview of printed message, real-time display of remaining print capacity expressed in hours and number of prints. • Parent/Child function to allow control up to 7 printers. • Full diagnostics (Pack Rate, Speed). • Hardware interface: Inputs: "Print go" and 1 configurable input. Outputs: Fault, warning, and 2 configurable outputs. • Message storage: Can be stored directly on the controller, on the USB, on the host PC mode or on the local network. • S/W interface: USB for downloading images, settings and data files. RS232, Ethernet communications standard.
Print features	<ul style="list-style-type: none"> • Print speed: Intermittent: up to 700 mm/s, Continuous: 10 to 1800 mm/s. • Print area: Intermittent: 32mm, 53mm or 128 mm x 75mm, Continuous: 32 mm, 53 mm or 128 mm x 250 mm. • Print features: Automatic printhead setup, Detect: Dead-dot detection, Quick Change Print Head, Combined intermittent and continuous printer, Easily change from left to right hand with no additional parts, Gap between prints - 0.5 mm, Automatic shift codes and serial numbers, Multiple variable user input fields with alpha-numeric texts, High Pack rate Mode. • Ribbon saving mode: Radial ribbon saving, Interlaced mode, Multi-print triggers and Negative ribbon advance. • Print specifications: Full true type font support, including non-Roman characters and symbols. Printing of real-time clock, dates and auto updating best before dates, barcodes; ITF, Code 39, Code 128, EAN 128, EAN 8, EAN 13, UPC A, UPC E, RSS linear, PDF 417, GS1 DataMatrix, QR and Composite RSS barcodes support.
Other characteristics	<ul style="list-style-type: none"> • Supplies: Thermal transfer ribbon available in a variety of grades and colors. • Maximum ribbon length: up to 1100 m. • Minimum ribbon width: 20 mm. • Maximum ribbon width: 130 mm. • Weight: <ul style="list-style-type: none"> - Printer: 7.8 kg. - SmartDate® X45 and X65 OEM Connect: 3Kg. - Remote User Interface: 2.63Kg. • Electrical power supply: <ul style="list-style-type: none"> - SmartDate® X45 OEM Connect - 100-230V AC (+/-10%), 50/60Hz. - SmartDate® X65 OEM Connect - 115-230V AC (+/- 10%) 50/60Hz. • Air supply: 6 bar/90 psi (maximum) dry, uncontaminated. • Air consumption: from 0.4 ml/print at 2.5 bar. • Operating temperature range: 0 to 40°C. • Humidity: 10% to 90% non-condensing. • Remote User Interface IP Rating: IP66
Options	<ul style="list-style-type: none"> • Detect-Plus: Code Detection. • Promotional Coding.
Accessories	<ul style="list-style-type: none"> • Mounting bracket, encoders, and bar code scanner.
PC software	<ul style="list-style-type: none"> • Included CoLOS® Free for design of simple messages.



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