

Each Coperion K-Tron weigh feeder consists of the components A, B, C and D.

Component D is specified here.

Application

K-Vision™ is a feeder operator interface for controlling up to 24 individual KCM feeder control modules in a single process line. Recipe management is included for the creation of material configurations, recipe proportions, staged startups and shutdowns.

K-Vision-III features a 15-inch single touch color LCD display panel. It offers a quad screen display mode for viewing multiple pages on one feeder or a single page on multiple feeders. Support for multiple languages is included.

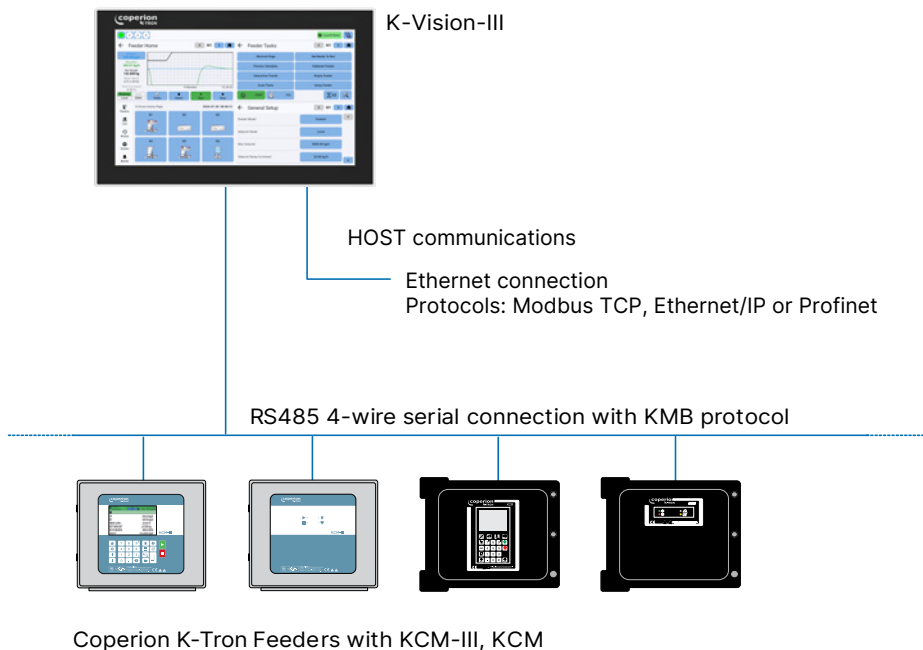
Designed for simple operation and fast and easy start-up, K-Vision-III offers graphic visualization of process information, utilizing flexible, easy to use trend graphs. This feeder interface offers event logging and supports all current continuous Coperion K-Tron feeders.

Easy to maintain, K-Vision-III software updates are possible by using a USB flash drive. This operator interface device is rated IP65 (front) when correctly mounted and all requirements are met. It can be panel mounted, with all connectors on the rear/underside of the unit.

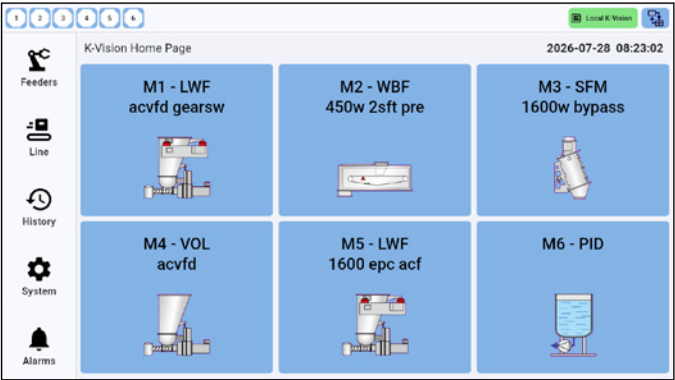


K-Vision-III in quad screen mode

SmartConnex™ Structure with K-Vision-III



Display



K-Vision-III home page showing 6 feeders.



K-Vision-III Feeder page

Technical Data

Touchscreen:	Resistive
Panel protection:	IP65 from front
Panel size:	406 × 258 mm [15.98 × 10.16 in]
Panel depth:	96 mm [3.78 in]
Weight:	6 kg [13.2 lb]
Cutout for mounting:	388 × 241 mm [15.28 × 9.49 in]
Screen resolution:	1366 × 768 pixels, color
Ambient temp. range:	0...50°C [32...122°F] in operation -20...60°C [-4...140°F] in storage
Max. humidity:	85% at 30°C [86°F] without condensation
Supply voltage DC:	24 V DC
Power consumption:	max. 80 W (at 24 V)

This equipment conforms to CE standards and is also listed by an NRTL as complying with the electrical safety standard UL/CSA 61010-1.

Note: mounting height recommended to be at eye level

Features

- Operator interface for max. 24 devices in one line
 - Supports all current continuous Coperion K-Tron feeders
 - Can serve as operator interface for single vacuum receiver or loader under KCM control with LSR
- Simple process visualization of operator related information
- Built-in language support for 15 languages: EN, DE, FR, ES, PT, IT, DA, PL, TR, CS, FI, RU, JP, ZH (simplified), KO
- PLC, DCS or host connection via industrial ethernet protocol (ModbusTCP, Ethernet/IP or ProfiNet)
- Flexible, easy to use trend graphs
- Event logging
- Fast and easy commissioning
- Storage capability for recipes and material configuration settings
- Feeder parameters can be backed up to flash memory and copied to storage device such as USB drive
- Up to 115 kbps RS485 link to feeder control modules
- 15" Color TFT LCD Display (1366 × 768 pixels)
- 4x USB 3.2 Gen 2 type A ports

Dimensions mm [in]

