Modular Dispatcher Terminal
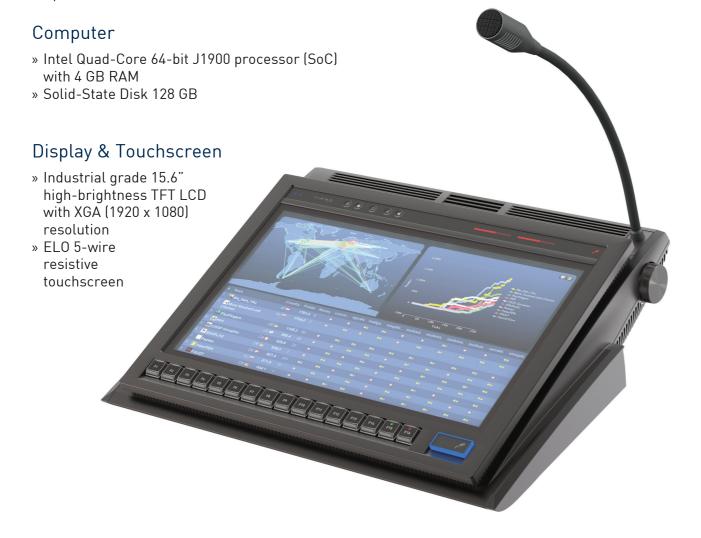
BeFREE 22

15.6'' Touchcomputer with Integrated Intercom

» Ergonomic integration of a fanless touchcomputer and an intercom
» Wide-screen variant of BeFREE20
» 16 additional programmable keys with integrated LED indicators
» Modular - combinable with other FREE modules into multifunctional terminals
» Low-profile horizontal design
» Silent and reliable - no moving parts, industrial grade components, Ethernet redundancy, redundant internal audio and controller interfaces
» Built-in Tipro Controller
» Extensive connectivity (LAN, USB, COM, external display, digital inputs, stereo sockets)
» Analogue audio connectivity (Line-In, Line-Out, Mic-In, InterCom-In, InterCom-Out)
» Cable management - hidden and secured, but accessible
» Optional Inclination Mechanism (VESA 75)

Computer

» Intel Quad-Core 64-bit J1900 processor (SoC) with 4 GB RAM
» Solid-State Disk 128 GB

Display & Touchscreen

» Industrial grade 15.6" high-brightness TFT LCD with XGA (1920 x 1080) resolution
» ELO 5-wire resistive touchscreen

Intercom

» Stereo loudspeakers (Left and Right, 2 x 2W) with two separate volume control encoders
» Central low-frequency loudspeaker (1 x 3W) with programmable equalizer
» Goose-neck microphone with illuminated PTT key
» Dual USB audio device
» HID telephony interface supported
» Connected to the internal sound card (analogue interface)
» Up to eight listening (output) and up to four recording (input) channels
» Optional echo-canceller with a digital signal processor

Programmable Keys - User Configurable

» 16 single keys with integrated LED indicators or
» 8 double keys with integrated LED indicators or
» 16 blind keys or
» various combinations of single, double and blind keys

BeFREE 20

15.0″ Touchcomputer with Integrated Intercom

» Ergonomic integration of a fanless touchcomputer and an intercom
» Modular - combinable with other FREE modules into multifunctional terminals
» Low-profile horizontal design
» Silent and reliable - no moving parts, industrial grade components, Ethernet redundancy, redundant internal audio and controller interfaces
» Built-in Tipro Controller
» Extensive connectivity (LAN, USB, COM, external display, digital inputs)
» Analogue audio connectivity (Line-In, Line-Out, Mic-In, InterCom-In, InterCom-Out)
» Cable management - hidden and secured, but accessible
» Optional Inclination Mechanism (VESA 75)

Computer

» Intel Quad-Core 64-bit J1900 processor (SoC) with 4 GB RAM
» Solid-State Disk 128 GB

Display & Touchscreen

» Industrial grade 15.0″ high-brightness TFT LCD with XGA (1024 x 768) resolution
» ELO 5-wire resistive touchscreen

Intercom

» Stereo loudspeakers (2 x 2W) with two separate volume control encoders
» Additional low-frequency loudspeaker (1 x 3W) with programmable equalizer
» Goose-neck microphone with illuminated PTT key
» Dual USB audio device
» HID telephony interface supported
» Connected to the internal sound card (analogue interface)
» Up to six listening (output) and up to three recording (input) channels
» Optional echo-canceller with a digital signal processor

Keys & Indicators

» Two volume control incremental encoders (endless potentiometers)
» Illuminated PTT key
» Five mechanical keys for brightness control, volume adjustment and touchscreen (de)activation
» Dual three-colour bar-graph display as VU meter, volume and brightness indicator
» Several LED indicators (power, SSD, microphone, touchscreen ...)

10.4'' Touchcomputer with Integrated Intercom

» Space-saving integration of a fanless touchcomputer and an intercom
» Modular - combinable with other FREE modules into multifunctional
  terminals
» Low-profile horizontal design
» Silent and reliable - no moving parts, industrial grade components,
  Ethernet redundancy, redundant internal audio and controller interfaces
» Built-in Tipro Controller
» Extensive connectivity (LAN, USB, COM, external display, digital inputs)
» Cable management - hidden and secured, but accessible
» Optional Inclination Mechanism (VESA 75)

Computer

» Intel Quad-Core 64-bit J1900 processor (SoC) with
  4 GB RAM
» Solid-State Disk 128 GB

Display & Touchscreen

» Industrial grade 10.4" high-brightness TFT LCD
  with XGA (1024 x 768) resolution
» ELO 5-wire resistive touchscreen

Intercom

» Stereo loudspeakers (2 x 2W) with volume control encoder
» Additional low-frequency loudspeaker (1x 3W) with programmable
  equalizer
» Goose-neck microphone with illuminated PTT key
» USB audio device
» HID telephony interface supported
» Connected to the internal sound card (analogue interface)
» Up to four listening (output) and two recording (input) channels
» Optional echo-canceller with a digital signal processor

Keys & Indicators

» Volume control incremental encoder
  (endless potentiometer) with switch
» Illuminated PTT key
» Three mechanical keys for brightness
  control and touchscreen (de)activation
» Three-colour bar-graph display as VU
  meter, volume and brightness indicator
» Several LED indicators (power, SSD,
  microphone, speakers, touchscreen ...)

BeFREE 07

7.0'' Compact Touchcomputer with Integrated Intercom and Handset

» Space-saving integration of a fanless touchcomputer, an intercom and a handset
» Wide screen display
» 6 programmable keys
» Silent and reliable - no moving parts, industrial grade components, Ethernet redundancy, redundant internal audio and controller interfaces
» Built-in Tipro Controller (programmable keys, programmable switching handsfree-handset, etc)
» Connectivity (LAN, 2 x USB)
» Cable management – hidden and secured, but accessible
» Optional Inclination mechanism (VESA 75)

Computer

» Intel© Dual Core N3350 processor (SoC) with 4 GB RAM
» Solid-State Disk 32 GB

Display & Touchscreen

» Industrial grade 7.0" high-brightness TFT LCD with XGA (800 x 480) resolution
» ELO 5-wire resistive touchscreen

Audio

» USB Audio device
» HID Telephony Supported
» Programmable signal processing includes ambient noise suppression (noise gating), signal compression and limiting
» Analogue front-end designed to meet wide-band IP telephony standards
» Automatically switching from Handsfree (Intercom) to Handset

Intercom

» Stereo loudspeakers (2 x 2W) with volume control encoder
» Separate alert/alarm audio output
» Goose-neck microphone with illuminated PTT key
» Optional echo-canceller with digital signal processor

Handset

» Programmable PushToTalk key and Hook switch
» Programmable side-tone
» Integrated acoustic shock protection
» Optional dial-pad

Programmable Keys & Indicators

» 6 programmable keys
» Three colour bar-graph display

Speakerbox

USB Intercom module for ergonomic
hands-free communication

» Add-on module or standalone device
» Combination of a USB audio device and an HID keyboard
» Plug&play operation with generic drivers
» Stereo loudspeakers and goose-neck microphone
» Separate alert/alarm audio output
» Connection for an external analogue headset and
   handset
» Incremental encoder (endless potentiometer) for
   volume control
» Three-colour bar-graph display as VU meter and/or
   volume indicator
   » Six programmable keys with LED indicators for
      mode control and volume adjustment
   » Analogue front-end designed to meet wide-band IP
      telephony standards
   » Programmable signal processing includes ambient
      noise suppression (noise gating), signal compression
      and limiting
» Integrated acoustic shock protection
» Optional HID telephony interface
» Optional echo-canceller with a digital signal processor

Handset

USB handset module with
PushToTalk/Mute function

» Add-on module or standalone device
» Combination of a USB audio device and an HID keyboard
» Plug&play operation with generic drivers
» Programmable PushToTalk key and Hook switch
» Two RGB LED status indicators
» Hardware generated side-tone
» Software adjustable volume (loudspeaker and microphone) and side-tone
   level
» Programmable signal processing includes ambient noise suppression
   (noise gating), signal compression and limiting
» Analogue front-end designed to meet wide-band IP telephony standards
» Integrated acoustic shock protection
» Optional dial-pad in the cradle/base
» Optional HID telephony interface
» Optional analogue audio interface (instead of USB) for legacy systems

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