

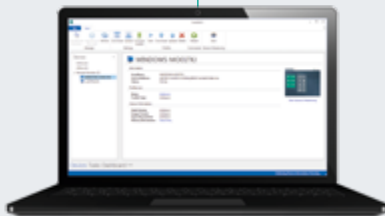
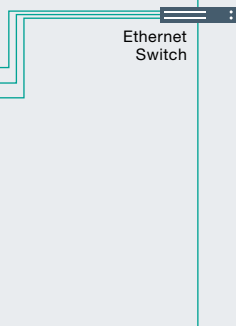
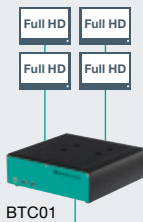
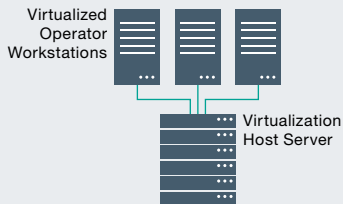
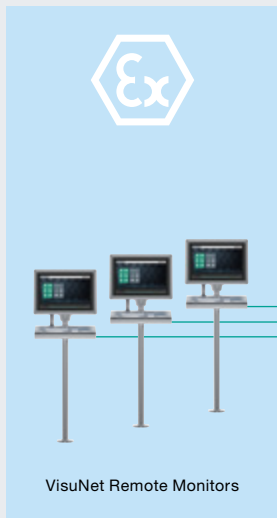
**Discovering flexibility.  
Increasing performance.  
Securing a competitive edge.**

BTC12—The Industrial Box Thin  
Client for 24/7 Operation



Your automation, our passion.

**pf** PEPPERL+FUCHS



VisuNet Control Center

## End-to-End Thin Client Solutions from the Control Room to Hazardous Areas

Explosive atmospheres, harsh environments, extreme temperatures—the process industry places special demands on people and technology. The industrial box thin client BTC12 combines similar hard- and software features at both hazardous and non hazardous applications and supplements the thin client portfolio in non-ex applications like e.g. control rooms or switch cabinets. It withstands constantly high temperatures, shock and vibration, and can handle even the most demanding process applications.



# Rugged Design for Application Versatility

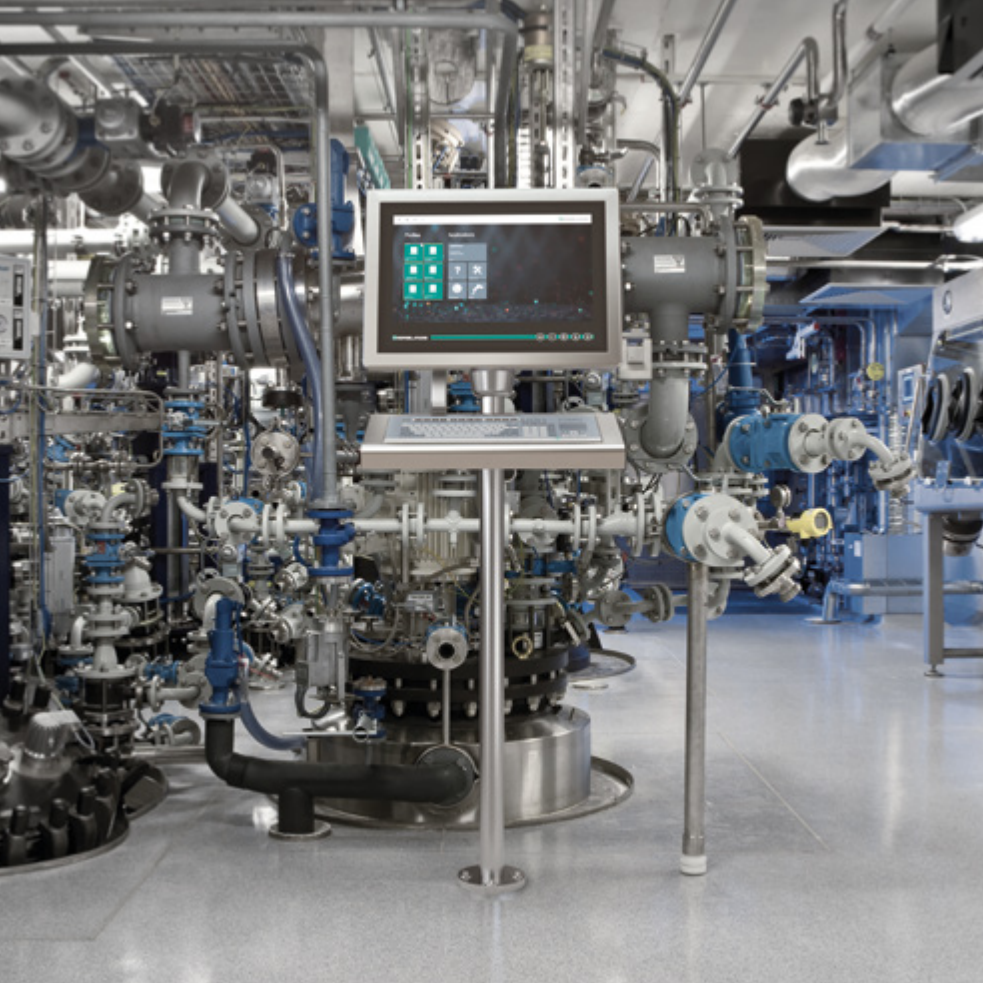
- Enclosed IP40 aluminum housing
- Extended operating temperature range from -20 to +60 °C
- All interfaces offer mechanical stability
- Optimized for 24/7 operation
- Flexible installation in switch cabinets, drawers, enclosures or control rooms
- Complements the VisuNet Remote Monitor portfolio and allows end-to-end thin client solution from the control room even into Zone 1
- Passive fanless cooling (no moving parts)
- Affixed Marking: CE
- Mounting options: VESA mounting, DIN Rail mounting and Wall mounting



## Modern, Future-Proof Technology and Clear Visibility—from Quad Monitors to Ultra HD

Modern large screens are not only finding their way into living rooms at home but also increasingly into control rooms. Pepperl+Fuchs has optimized the BTC12 for operation with the latest display technology:

- Two DisplayPort™ interfaces for up to two Ultra HD displays with 4K resolution at 60 Hz
- 16 – 28 V DC power input for office and industrial applications
- Dual Gigabit Ethernet for network redundancy
- 4 USB ports (2 x USB 3.0) for modern peripherals
- 1 serial interface port for legacy peripherals such as RFID readers





## Simple Configuration with RM Shell 5

The pre-installed VisuNet RM Shell 5 firmware allows an easy setup and configuration of the box thin clients and thus the embedding of the device in the visualization architecture.

- Commissioning in just a few minutes
- Microsoft® Windows® 10 IoT Enterprise LTSC allows third party software applications
- Integrated security mechanisms protect against harmful files and programs
- VisuNet Control Center add-on software enables centralized configuration and monitoring of all devices
- Tested and qualified by majority of control system companies



# Innovative Solutions. Perfect Applications.

As a leader in industrial sensor technology and a pioneer in electrical explosion protection, Pepperl+Fuchs has been developing components and solutions for over 70 years. Above all, our goal is to offer the perfect solutions for our customers' applications. This is only possible with close collaboration. Not only do we share our passion for automation with customers—we also share our in-depth expertise and experience.

Forging ahead with new ideas and finding new approaches is what drives us. This is the foundation for technologically advanced solutions that are tailored to individual applications and geared toward future requirements.

Creating customer-focused solutions to meet today's and tomorrow's challenges is at the center of everything we do. And Industry 4.0 makes this more important than ever.

Pepperl+Fuchs is reenvisioning tried-and-trusted technologies and developing innovations that pave the way for networked production and communication that transcends your company's boundaries. Our innovation—your competitive advantage.

For more information, visit us online:  
[www.pepperl-fuchs.com/btc12](http://www.pepperl-fuchs.com/btc12)

# Your automation, our passion.

## Explosion Protection

- Intrinsic Safety Barriers
- Signal Conditioners
- FieldConnex® Fieldbus
- Remote I/O Systems
- Electrical Ex Equipment
- Purge and Pressurization
- Industrial HMI
- Mobile Computing and Communications
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement

## Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
- Connectivity

### Pepperl+Fuchs Quality

Download our latest policy here:

[www.pepperl-fuchs.com/quality](http://www.pepperl-fuchs.com/quality)

