Televis Blue
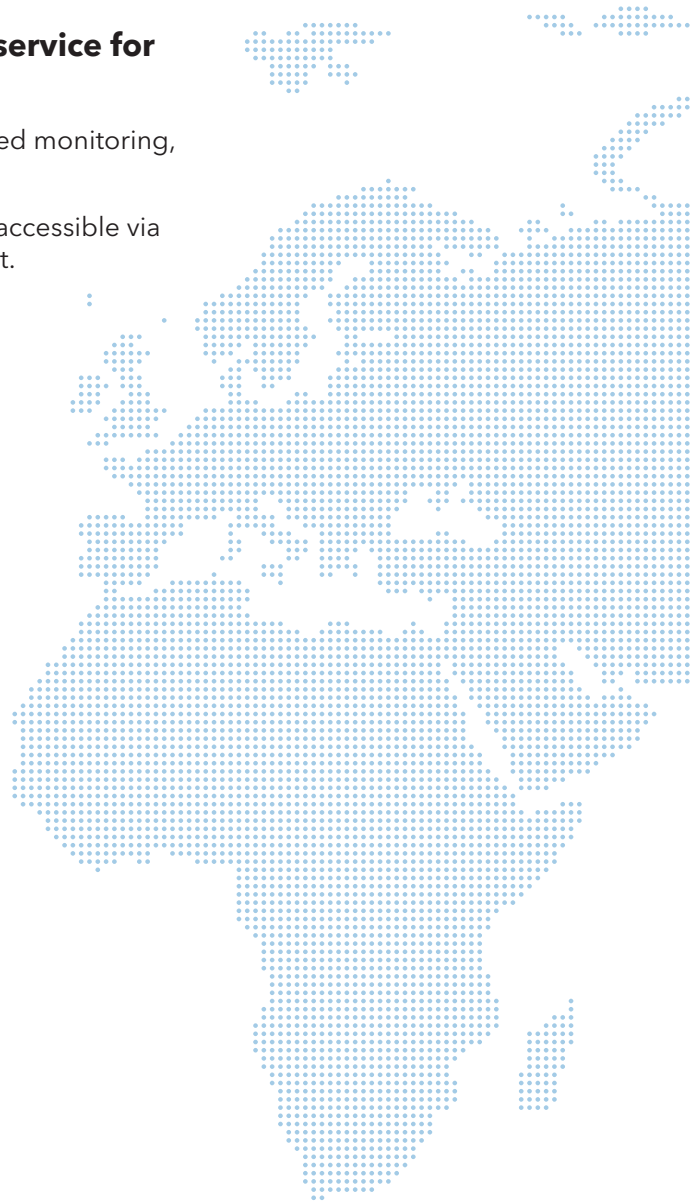
The Cloud Solution for Systems Monitoring

> ❯ Web-based systems monitoring for tablets and smartphones
> ❯ Access to all installations from a single point
> ❯ Information easily accessible at all times
> ❯ M2M connectivity included for over 30 countries

TelevisBlue Cloud Service

The first cloud-based plug and play monitoring service for refrigeration.

TelevisBlue is the innovative system for completely cloud-based monitoring, intended for small and medium-size systems.

TelevisBlue offers the power of cloud data collection service, accessible via the web, with simple, speedy installation via a pre-activated kit.

The installation kit includes:

- RS485 connectivity for controllers in the field
- 2G cellular modem
- Pre-activated M2M SIM Card compatible with more operators in over 30 countries
- Dedicated, protected M2M data connection between the gateway and the cloud server
- 12 months of service for data collection and archiving and alarm management
- Notification and reporting via e-mail
- Web access to system configuration and data

Main Functions

Cellular connection included for data always online

TelevisBlue only uses its own protected M2M cellular data connection to transfer information between the system and the cloud without the need for any configuration by the user.
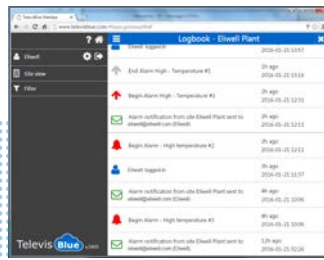
Annual renewal of service

TelevisBlue, upon activation, collects and transfers information to the cloud for 12 months, renewable annually. If the license is cancelled, data remains available for an additional 12 months.
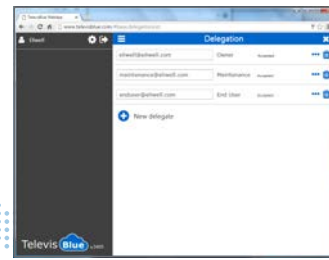
System and features always up to date

No application to download or update is required. Simply log into the www.televisblue.com site to use its functions. Eliwell handles software updates, new feature releases, and updates to the online manual.
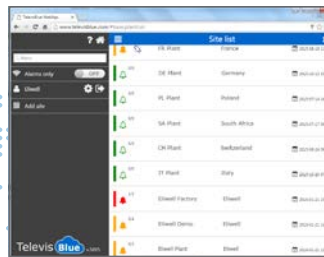
Plug and Play Monitoring

Food quality constantly under control

The system constantly monitors temperatures and other data and notifies users when alert thresholds are exceeded. Alert thresholds can be easily set up via the web portal. TelevisBlue also offers immediate notification of all alarms detected by controllers in the field for speedy intervention in case of serious abnormalities.
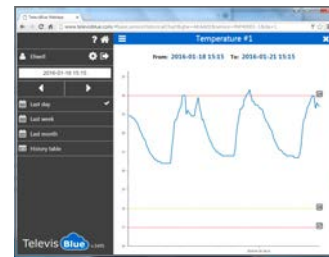
Information Sharing and Collaboration

Centralized systems management allows owners and maintenance personnel to share information, meaning you can quickly modify the assignment directly from the TelevisBlue portal.
The Reports function also enables periodic reports to be automatically sent to email recipients, keeping an archive of documents sent.

Access to all systems from a single point

A single screen allows access to all managed systems with colourful icons highlighting urgent situations. Simple filters allow you to view systems currently in alarm status or systems belonging to the same chain.

Information easily accessible at all times

TelevisBlue collects temperature and other operating data from equipment and stores it in the cloud, making them easily accessible with a web browser from your smartphone, tablet, or PC.

TelevisBlue Starter License

Maximum number of resources	From 5 to 500 monitored resources depending on the model
Service included	12 months of connectivity and data recording service
Recording interval	Configurable from 5 minutes to 1 day
Cloud synchronization interval	Configurable from 15 minutes to 1 day
Data Display	From the HTML5 website www.televisblue.com
	• Time line of systems' events
	• Data history for resources in table and graph format
Alarm management	2 predefined alarm categories
	• Thresholds configurable on the cloud for all registered resources
	• Optional mode for immediate notification when instrument alarms go off
Alarm notifications	Via e-mail, multiple recipients for each category
PDF report sent	Via e-mail, configurable on a daily, weekly or monthly basis
Systems centralization	Access page with summary statement for all managed systems
Users and security	Administration of delegates for each installation

IMPORTANT NOTICE: the use of the TelevisBlue product and service is subject to the acceptance of the terms of service on the site www.televisblue.com/terms. For more information on system characteristics, countries where the service is available, and connectible controllers, see the online manual and appendices at www.televisblue.com/help.

Application Models and Technical Data

Models

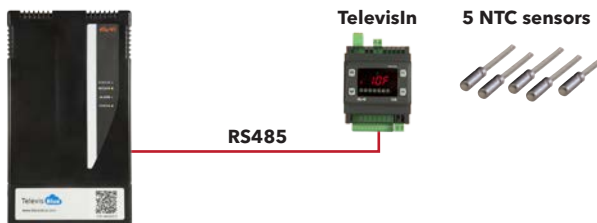| Code	Description	Service Included	Resources
Gateway			
TBR2S011E0000	TelevisBlue Starter 005-1Y 2G		5
TBR2S051E0000	TelevisBlue Starter 025-1Y 2G		25
TBR2S101E0000	TelevisBlue Starter 050-1Y 2G	12 months	50
TBR2S301E0000	TelevisBlue Starter 150-1Y 2G		150
TBR2S501E0000	TelevisBlue Starter 250-1Y 2G		250
TBR2S1H1E0000	TelevisBlue Starter 500-1Y 2G		500
Accessories			
SAMANT3B30300	ANTENNA 3B 3m CABLE MCX90/M FREQ.:900/1800/2100 MHZ	Optional external antenna	
TBR2X0000GW00	TelevisGate 2G	Only replacement device	

Technical Data

Dimensions (WxHxD)	128 x 227 x 50 mm
Installation	Wall or panel
Power Supply	100-240 Vac
Connectivity	GSM/GPRS modem 850/900/1800/1900 MHz with integrated antenna
Field bus	Isolated RS-485
Memory	Buffer memory for 12 hours of data
Device status display	3 LED status	8A 30 Vac max SPDT Relay for status communication
Alarm signalling	1 LED status	8A 30 Vac max SPDT Relay

Application examples

Temperature monitoring in existing systems

TelevisBlue Starter 005-1Y 2G

TelevisIn 5 NTC sensors

RS485

- HACCP recordings of 5 temperatures for 12 months at 15 minute intervals
- Web-configurable notification of maintenance personnel when temperature threshold is exceeded
- Daily HACCP report in PDF format sent to owner

Monitoring for a chain of restaurants

TelevisBlue Starter 025-1Y 2G

Coldface

RS485

IDPlus

- Connection to controllers via RS-485
- Recordings for 12 months at 5 minute intervals:
  - HACCP of 5 temperatures
  - 5 evaporation/defrost temperatures
  - 10 resources available for future system expansion
- Reading and reporting of all connected controller alarms
- Notification of maintenance personnel when temperature threshold is exceeded
- HACCP report in PDF format sent daily to owner
- Complete HACCP report in PDF format sent weekly to maintenance personnel
- Centralized access to data of all restaurants with a single log-in

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