EMOTIONAL TECHNOLOGY

Powerful and Agile - around all bends

EMOTIONAL TECHNOLOGY

Camera
- PTP70
- Dimensions (Ø x L): 75 x 239 mm Standard
- PAL
- Weight: 1.3 kg
- Pressure-Tight: 1 bar

AC42
- Dimensions (Ø x L): 42 x 204 mm Standard
- PAL
- Weight: 0.7 kg
- Pressure-Tight: 1 bar

Control Panel
- VC100/VC200
- Dimensions (L x W x H): 342 x 236 x 75 mm
- Weight: 2 kg

Operating system
- Linux

Data format
- MPEG-4 (H.264)

Screen
- 800 x 600 px / touch screen suitable for daylight

Interfaces
- USB2.0, Ethernet

Storage
- internal hard drive, USB Stick

Coiler
- AR90
- Dimensions (L x W x H): 770 x 410 x 793 mm
- Material: Aluminium
- Weight: approx. 27 kg

Cable lengths: 30 m, 60 m, 90 m

Issue: November 2011  –  Subject to change without prior notice.
AGILIOS™ Pan & Tilt Push Camera System

AGILIOS™—the pan & tilt push camera system by iPEK. It consists of a coiler for a 30, 60 or 90 m reinforced, but still flexible push cable, the multifunctional control panel VISIONCONTROL and the camera heads PTP70 and AC42, which was developed according to the requirements of our worldwide customers. In addition to the high image quality, the main functions of the system are an optimum illumination through LED-technology, an integrated location transmitter with an adjustable frequency range, a colour text generator, storing MPEG4 videos and JPG images and the option of a data exchange of this information via interfaces, such as USB or Ethernet.

The AGILIOS™ system has complemented the well known high iPEK standards regarding ergonomics and design and has even exceeded these in several points. AGILIOS™ is robust and offers an easy and self-explanatory handling, great stability at key points and combines all components in the overall design into one unit. It is our goal to build a functional and attractive system so that you can start your inspection with the highest efficiency and maximum flexibility.

PTP70 Pan & Tilt Push Camera

The pan & tilt push camera PTP70 is based on the PipeBus® technology by iPEK. More key features were added to the excellent optical characteristics for the use with the AGILIOS™ system.

- Built-in location transmitter for precisely determining the inspection position.
- Suitable for the best bend manoeuvrability for all pipes from DN100.
- Auto-Upright function of the camera can be activated.
- Optimised illumination on the inspection area.
- Mechanical protection of the underside.

AC42 Axial Camera

We are offering the axial camera AC42 as an option for the AGILIOS™ system to secure easy and quick inspections. The AC42 is of a high quality construction, has the well-known iPEK optic and an ultra-bright LED-light. The axial camera AC42 is therefore the perfect accessory.
VC200 – The Compatible Control Panel

The new VC200 control panel was developed based on the inspectors experiences of the VC100 (AGILIOS™ system). It will be the central control panel in the iPEK product range and therefore our base for the future.

The VC200 control panel offers best views on a daylight presentable 800 x 600 touch screen with interactive options, a virtual keyboard and intuitive control elements, which are unrivalled.

Furthermore it offers functions in its interior, which are requirements in today’s inspections. This includes MPEG4 video recordings as well as coloured text-generator. Preprogrammed makros (e.g. deviation of pipe collars and diverse camera positions) can be started automatically. This saves time and improves your inspection. All inputs will be entered only through the VC200, making it the heart of your inspection.

VISIONREPORT

To serve the task of processing data fast, iPEK developed their own customized software, VISIONREPORT, for running the VISIONCONTROL control panel. This is especially designed for the touch screen interface and enables an intuitive finger response without any additional gear. By using the integrated industry standard catalogues it is possible to record inspection data with predefined short cuts and descriptions allowing all collected data to be saved into one project file. Later on you can transfer this via USB or your local network to your workstation. To create protocols of your inspection data iPEK provides you with the free VISIONREPORT viewer. Additionally you can import all projects into the well known software WINCAN V8 and use all of its functionality.

To extend the features that are well proven with the AGILIOS™ system, iPEK upgraded VISIONREPORT with a crawler control and displays for surveillance. Important system values are therefore permanently shown on screen. You will have everything in your inspection view that you need to know for safe inspections.
Combinations And Peripheral Devices

With the new VC200 it is possible to operate the AGILIOS™ system as well as the new ROVION® system. By using the VC200 you will get the newest software version of VISIONREPORT and the possibility to combine your system with ROVION®.

Guiding Device For PTP70

The guiding device of the PTP70 provides you with unrestricted and versatile inspection options. Simply insert the guiding device into a branch by moving the camera head. The camera head now automatically follows the new course of the pipe when pushed.

Roll Slide

Roll slides are available for the PTP70 and the AC42 for seamlessly inserting our push camera heads into the lines to be inspected. These are assembled via the camera heads prior to the inspection and therefore secure perfect centering in the pipe and a quick process.
## TECHNICAL DETAILS

### Camera

<table>
<thead>
<tr>
<th>Model</th>
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<th>Weight</th>
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#### Technical Details

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