Honeywell

HCC484TP
Color Camera

Remote Control
User Guide

Revisions

Issue	Date	Revisions
1.00	04/06	New document.

Remote Control of OSD from PC

Remote Control Connections

The HCC484TP can be controlled remotely using an RS485 cable to connect through the serial port on your PC. See the figure below for a description of the RS485 connection.

4-Pin Cable Legend

1. Red   Not used
2. Blue   TRx-
3. Yellow   TRx+
4. Black   Not used

RS485 Converter   4P Cable

TRx+ ⟷ ③   TRx+
TRx- ⟷ ②   TRx-
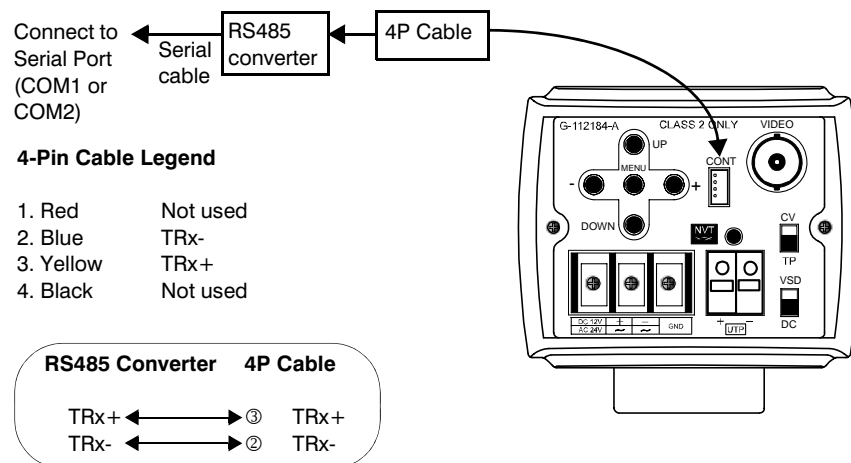
Remote Control Operation

To use the optional remote control for your HCC484TP camera, you must first download the program from the Honeywell website and connect the camera to your PC. Use the following procedure to connect to your PC:

1. Connect the RS485 converter (such as the Honeywell Converter: AAC 232/485) to the 4P cable from the camera to the COM port on your PC (see the figure above).

2. Locate the downloaded zip file: `HCC484TP_Remote_Control.zip`.

3.   Unpack the zip file into an appropriate folder.

4.   Double-click the `Setup.exe` file to launch the Setup Program.

5.   Ensure that the COM port you connected the RS485 converter to is selected. See the figure below.


6.   Click **OK** to initialize Communication (this can take up to 20 seconds).
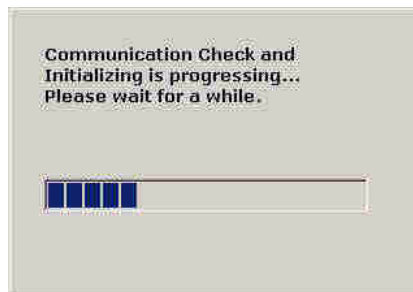
7.   If Communication failed you can:

   a.   Check the wiring and power connections of the camera, or

   b.   Click **Retry** to initialize Communication again, or click **End** to close the window.

8.   If Communication is successful, the following window will appear. See the next sections for remotely controlling your HCC484TP Camera.
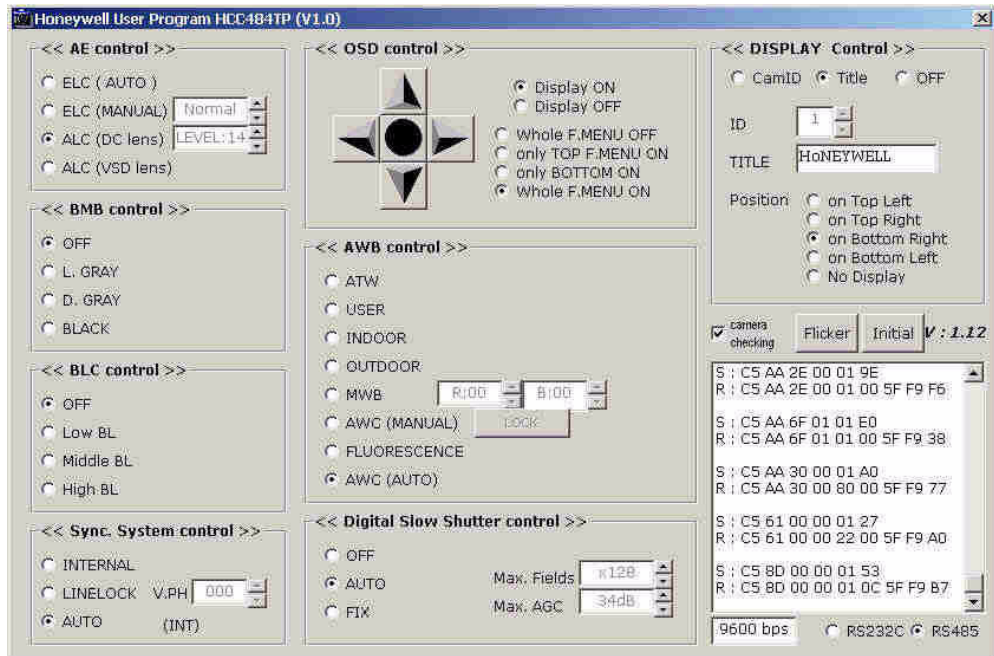
## AE Control (Auto Exposure Control)

In the **AE Control** box:

- The Type of AE Mode is displayed
- If Manual Lens is selected, the Shutter Speed can be set
- If Auto Iris Lens is selected, the DC Level is set
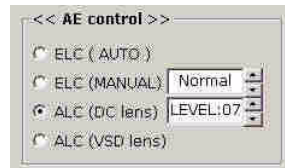
BMB/BLC Control (Black Mask/Back Light Compensation)

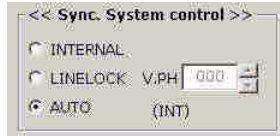In the **BMB** and **BLC Control** boxes:

- Select the Black Mask Mode (Light Gray, Dark Gray, Black, or Off)
- Select the BLC Mode (Low, Middle, High, Off)
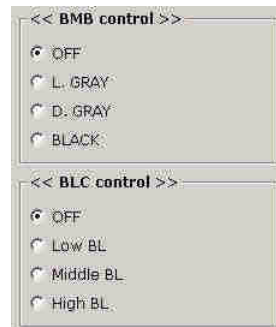
Sync System Control
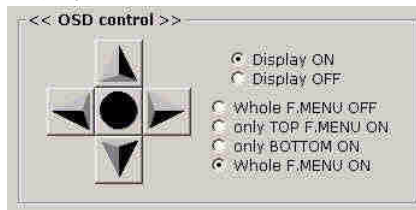
In the **Sync System Control** box you can select:

• Internal
• Linelock with Phase Adjust
• Auto (**Int** for 12 VDC, **Linelock** for 24 VAC)

<< Sync. System control >>
C INTERNAL
C LINELOCK   V.PH [000]
C AUTO   (INT)

OSD Menu Control

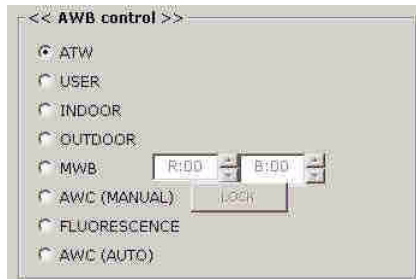Click on the button icons to access the OSD. OSD can be set to ON or OFF. The OSD menu can be controlled to:

• Display the entire menu
• Display the top menu
• Display the bottom menu

<< OSD control >>
• Display ON
C Display OFF

C Whole F.MENU OFF
C only TOP F.MENU ON
C only BOTTOM ON
• Whole F.MENU ON

Auto White Balance Control

In the Auto White Balance Control box:

• Select one of the Auto White Balance settings
• Set Manual White Balance

<< AWB control >>
• ATW
C USER
C INDOOR
C OUTDOOR
C MWB   [R:00] [B:00]
C AWC (MANUAL) [LOCK]
C FLUORESCENCE
C AWC (AUTO)

Digital Slow Shutter Control

In the **Digital Slow Shutter Control** box:

- Set DSS to be **OFF**, **AUTO** or **FIX**
- Set the maximum number of frame integration fields
- **AUTO** will not exceed the number of frame integration fields
- **FIX** will always use this number of frame integration fields, regardless of light level
- **Max AGC** sets the AGC Maximum Gain
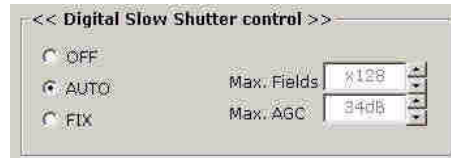
Display Control

In the **Display Control** box:

- Set to display Camera ID and Camera Title or nothing (Off)
- Set the Camera ID and Title **Position**
- Set the Camera Status Checking (Off or check every 5 seconds)
- Flicker— Set Flickerless to on
- Initial— Restore Factory Default
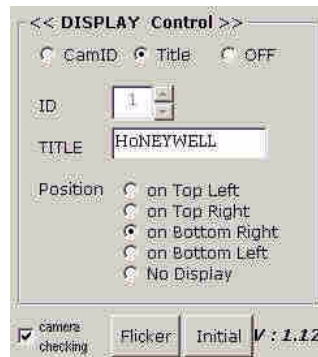
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