

ANT1776 range configure ONVIF identification values, as used by clients using ONVIF protocols

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This feature of being able to change the ONVIF identification values is only present in firmware 1.1.7.0.97 - That is "LDVC: 1.1.7.0.97" build date / time is "May 27 2026 : 08:31:32" or later

Document info

Version	date	author	Comments
0.1	18-Sep-26	David M	Initial draft

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1. ANT1776 range ONVIF identification default values

By default, the values seen by ONVIF device Manager (ODM), an example in Figure 1, and other equipment, such as VMS's, when displaying the ONVIF "Identification" section of the ANT-1776's.

This information has also been listed in Table 1.

Figure 1 : default ONVIF identification details

ONVIF Device Manager v2.2.250

You logged in as **admin** [Log out](#)

Device list <<

[Cancel](#)

IP-Camera
Firmware 1.0
Address 192.168.0.30
Location

IP-Camera

[Identification](#)
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VideoSourceToken_1: Mux1

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Identification

Name IP-Camera
Location
Manufacturer MARIS
Model IPCamera
Hardware 1.0
Firmware 1.0
Device ID 123456
IP address 192.168.0.30
MAC address 52-0F-29-8B-80-43
ONVIF version 20.12
URI: http://192.168.0.30:8000/onvif/device_service

[Apply](#) [Cancel](#)

Table 1 : Values seen in Figure 1

Field name	value
Manufacturer	MARIS
Model	IPCamera
Hardware	1.0
Firmware	1.0
Device ID	123456

2. ONVIF identification manually editable values

2.1. Overview

Once the ONVIFadmin.txt is added to the ANT-1776, then the ONVIF identification will appear as shown in Figure 2, and listed in Table 2

Figure 2 : default ONVIF identification details after ONVIFadmin.txt is added

Table 2 : Values seen in Figure 2

Field name	value
Manufacturer	Field_Manufacture.31
Model	Field_Model.31
Hardware	Field_HardwareId.31
Firmware	Field_FirmwareVersion.31
Device ID	Field_SerialNumber.31

When the ANT-1776 is incorporated into a VMS, in this example Milestone XProtect 2026 R1, the ANT-1776 is reported by the detail within the "Manufacturer" and "Model" fields. An example is shown in Figure 3.

Figure 3 : Identification fields used within Milestone VMS

3. Setup onvifadmin.txt file

To create and edit the onvifadmin.txt SSH access to the ANT-1776 is required. Using an application like PuTTY access the ANT-1776 on port 22.

The "Login as:" is root

and the "Password:" is root

Then navigate to the `/management` directory.

After creating or editing the onvifadmin.txt file, the changes will not take effect until after the next power cycle or reboot.

3.1. Create onvifadmin.txt file

Create the file onvifadmin.txt, in the already existing `/management` directory, and use the template, see Figure 4, as the contents.

One method to create this file is using the `touch` command to create the file "onvifadmin.txt" and `vi` editor to add the contents.

The `# Device Information` section is for the ONVIF identification, and the `# User Credentials` section is for future development.

Figure 4 : template contents of onvifadmin.txt

```
# ONVIF Device Configuration File
# Format: key=value (no spaces around =)

# Device Information
Manufacturer=MARIS
Model=IPCamera_Pro
FirmwareVersion=2.1.3
SerialNumber=SN-987654321
HardwareId=HW-2.0

# User Credentials
AdminUsername=admin
AdminPassword=Admin@1234
UserUsername=user
UserPassword=User@5678
```

3.2. Edit onvifadmin.txt file

In the example in section 2, the contents of the onvifadmin.txt file is shown in Figure 5.

Figure 5 : example contents of onvifadmin.txt file

```
# ONVIF Device Configuration File
# Format: key=value (no spaces around =)

# Device Information
Manufacturer=field_Manufacturer.31
Model=field_Model.31
FirmwareVersion=field_FirmwareVersion.31
SerialNumber=field_SerialNumber.31
HardwareId=field_HardwareId.31

# User Credentials
AdminUsername=admin
AdminPassword=Admin@1234
UserUsername=user
UserPassword=User@5678
```