



America

CERTIFICATE

No. U8 11 08 40676 050

Holder of Certificate: SAMSUNG TECHWIN CO., LTD.42, Sungju-dong, Changwon-si,
Gyeongsangnam-do 641-716
REPUBLIC OF KOREA**Certification Mark:****Product:****Camera
(Network Camera)**

The product was voluntarily tested according to the relevant safety requirements and mentioned properties. It can be marked with the certification mark shown above. The certification mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles that described by ISO/IEC Guide 67, Conformity assessment - Fundamentals of product certification, System 3. See also notes overleaf.

Test report no.:

077-229841-000

Date, 2011-09-06

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America

CERTIFICATE**No. U8 11 08 40676 050**

Model(s): SNV-3082N, SNV-3082P, SND-3082FN,
SND-3082FP, SND-3082N, SND-3082P
("SAMSUNG")

Parameters:

Model SNV-3082N:

- Rated voltage: AC 24 V ~, 60 Hz or
12 V d.c. or PoE (44-57 V d.c.)
- Rated power: Max. 10 W

Model SNV-3082P:

- Rated voltage: AC 24 V ~, 50 Hz or
12 V d.c. or PoE (44-57 V d.c.)
- Rated power: Max. 10 W

Model SND-3082FN:

- Rated voltage: AC 24 V ~, 60 Hz or
12 V d.c. or PoE (44-57 V d.c.)
- Rated power: Max. 6 W

Model SND-3082FP:

- Rated voltage: AC 24 V ~, 50 Hz or
12 V d.c. or PoE (44-57 V d.c.)
- Rated power: Max. 6 W

Model SND-3082N:

- Rated voltage: AC 24 V ~, 60 Hz or
12 V d.c. or PoE (44-57 V d.c.)
- Rated power: Max. 8 W

Model SND-3082P:

- Rated voltage: AC 24 V ~, 50 Hz or
12 V d.c. or PoE (44-57 V d.c.)
- Rated power: Max. 8 W

Remark: The product must be connected to a power
source shall fulfill the requirements of
UL 60065:2003 and CAN/CSA C22.2 No. 60065:2003
with the following technical data:

- Voltage: AC 24 V ~
- Max. short circuit current: 8 A
- Max. power: 100 W

**Tested
according to:**

UL 60065:2003
CAN/CSA C22.2 No. 60065:2003

**Production
Facility(ies):**

40676, 70297

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Aufbauübersicht für Elektrogeräte und Maschinen

Data form for electrical equipment and machinery

(for NRTL, see working instruction TCSNRTL-CDF001)



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Auftraggeber / Applicant: SAMSUNG TECHWIN CO., LTD. (40676)
42, Sungju-dong, Changwon-si, Gyeongsangnam-do 641-716, Republic of Korea

Fertigungsstätte / Production facility: 1. SAMSUNG TECHWIN CO., LTD. (40676)
42, Sungju-dong, Changwon-si, Gyeongsangnam-do 641-716, Republic of Korea
2. TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONIC CO., LTD. (70297)
11 WEILIU RD, MICRO-ELECTRONIC INDUSTRIAL PARK, TEDA, TIANJIN 300385, People's Republic of China

Geräteart / Type of equipment: Network Camera

Typenbezeichnung / Type/model: SNV-3082N, SNV-3082P, SND-3082FN, SND-3082FP, SND-3082N, SND-3082P

Warenzeichen / Trade mark: SAMSUNG

Seriennr. / Serial no.: N/A

Nennspannung/Nennaufnahme/Nennstrom/Frequenz/Rated voltage/frequency/Rated input power/current:
Model SNV-3082N:
 -Rated voltage: AC 24 V ~, 60 Hz or 12 V d.c. or PoE (44-57 V d.c.)
 -Rated power: Max. 10 W
Model SNV-3082P:
 -Rated voltage: AC 24 V ~, 50 Hz or 12 V d.c. or PoE (44-57 V d.c.)
 -Rated power: Max. 10 W
Model SND-3082FN:
 -Rated voltage: AC 24 V ~, 60 Hz or 12 V d.c. or PoE (44-57 V d.c.)
 -Rated power: Max. 6 W
Model SND-3082FP:
 -Rated voltage: AC 24 V ~, 50 Hz or 12 V d.c. or PoE (44-57 V d.c.)
 -Rated power: Max. 6 W
Model SND-3082N:
 -Rated voltage: AC 24 V ~, 60 Hz or 12 V d.c. or PoE (44-57 V d.c.)
 -Rated power: Max. 8 W
Model SND-3082P:
 -Rated voltage: AC 24 V ~, 50 Hz or 12 V d.c. or PoE (44-57 V d.c.)
 -Rated power: Max. 8 W

Anschlußdaten-Hydraulik: / Connection to hydraulic power: N/A

Anschlußdaten-Pneumatik / Connection to pneumatic power: N/A

Anschlußdaten-Wasser / Connection to water installation: N/A

Gewicht / weight: 1.28 kg (Model SNV-3082N, SNV-3082P)
0.65 kg (Model SND-3082FN, SND-3082FP)
0.523 kg (Model SND-3082N, SND-3082P)

Lärmemission / noise emission (dB A):

Ausführung / Construction:

Ortsfest	Stationary	☒
Ortsveränderlich	Portable	☐
Handgerät	Hand-held	☐
Einbaugerät	Open-frame	☐

Schutzklasse / Protection class:

Schutzklasse I:	Schutzleiteranschluß	PE-connection	☐
Schutzklasse II:	Schutzisoliert	Double insulation	☐

Prüfbericht Nr. / Test Report No.: 077-229841-000 Projektleiter / Project manager: Kevin Park	Ort / place: SAMSUNG TECHWIN CO., LTD. (40676) 42, Sungju-dong, Changwon-si, Gyeongsangnam-do, 641-716, Republic of Korea Datum / date: 2011-08-30 Stempel und Unterschrift / Seal and signature Jeisoon Kang
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Schutzklasse III:	Schutzkleinspannung/ interne Stromversorgung	SELV/internally powered	☒
Schutzart / Degree of protection against liquids:	IPX0		☒
Anschlußart / Supply connection:	Feste Anschlußleitung Fester Anschluß Gerätesteckvorrichtung	Non detachable cord Permanent connection Appliance inlet	☒ ☐ ☐
Netzbetriebsart / Rated operation:	Dauerbetrieb Aussetzbetrieb Kurzzeitbetrieb	Continuous operation Intermittent operation Short time operation	☒ ☐ ☐
Material: a) Gehäuse / Enclosure b) Leiterplatten / p.c.b	See appended table (Safety relevant components) See appended table (Safety relevant components)		

Zusätzliche Angaben für Laser, Klassifizierung nach EN 60825 (bzw. UL für NRTL)

Additional information for Laser equipment, classification according to EN 60825 (UL for NRTL)

Klasse / Class: N/A
Wellenlänge / Wavelength: N/A
Pulsdauer / Pulse duration: N/A

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Projektleiter / Project manager:
Kevin Park

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42, Sungju-dong, Changwon-si, Gyeongsangnam-do,
641-716, Republic of Korea

Datum / date: 2011-08-30

Stempel und Unterschrift / Seal and signature
Jeisoon Kang

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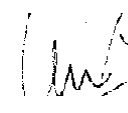
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Sicherheitsrelevante Bauteile: (Schalter, Temperaturregler, Heizkörper, Stecker, Fassungen, Leitungen, Kondensatoren, Motoren und sonstige Wicklungen z.B. Transformatoren, Magnetspulen) (Not-Aus Geräte, 2-Handsteuerungen, Verriegelungsschalter, Sicherheits-Lichtschranken, Sicherheitsventile, Programmierbare Steuerungen-SPS, hydraulische Steuerungen, pneumatische Steuerungen

Safety relevant components: (switch, temperature regulator, heating element, plug, socket, wiring, capacitor, motors and other components with windings e.g. transformers, coils)

(emergency off devices, 2-hand-control-devices, interlock switches, safety light barriers, safety valves, programmable electronic controllers -PLC, hydraulic controllers, pneumatic controllers

Bauteil / Kind of component	Hersteller / Manufacturer	Angaben über Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse / Information about type, current, power, transformer specification number, insulating class		Prüfzeichen von Test mark from (VDE, BSI, UL etc.)	
Fuse (F600, F601)	Bel Fuse Inc.	SST	125 V, T2 A	ANSI/UL 248-1 CSA-C22.2 No. 248-1-00	UL (E20624)
Line filter (LF600, LF01)	TNC Co., Ltd.	CV015030SJ (HF)	Class A Bobbin: V-0	UL/CSA 60065	Tested in equipment
Trans former (T600)	GET PLUS Co., Ltd. / DK	SNO-5080R	Class A Bobbin: V-0	UL/CSA 60065	Tested in equipment
Lithium battery (BAT600)	FDK Corp.	ML614	Max. charging current: 100 mA Max. charging voltage: 5.0 V d.c. Secondary Type	UL 1642	UL (MH13421)
Lithium battery reverse charging protection IC (U613)	MAXIM INTEGRATED PRODUCTS	DS3232	Supply Voltage (VCC): 3.3 V	UL 60950-1	UL (E141114)
PCB	Various	Various	V-0, 105 °C	UL 796	UL
Lead and cables	Various	Various	Min. 30 V, 80 °C, VW-1, Min. 28 AWG	ANSI/UL 758,	UL
DC Fan	MINEBEA MOTOR MFG CORP	1204KL-04W-B39	12 V d.c., 0.09 A	ANSI/UL 507 CSA-C22.2 No. 113-M1984	UL cUL
Window	Sabic Innovative Plastics Japan LLC	HF1130R	V-2, 130 °C	UL 94	UL (E207780)
Film Heater (Model SNV- 3082N, SNV- 3082N)	Sung Sil Electronics	HK01R508R3P 24V 5W	24 V, 5 W	UL/CSA 60065	Tested in equipment

Prüfbericht Nr. / Test Report No.: 077-221621-000 Projektleiter / Project manager: Kevin Park 	Ort / place: SAMSUNG TECHWIN CO., LTD. (40676) 42, Sungju-dong, Changwon-si, Gyeongsangnam-do, 641-716, Republic of Korea Datum / date: 2011-07-28 Stempel und Unterschrift / Seal and signature Jeisoon Kang 
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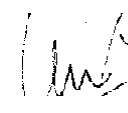
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Sicherheitsrelevante Bauteile: (Schalter, Temperaturregler, Heizkörper, Stecker, Fassungen, Leitungen, Kondensatoren, Motoren und sonstige Wicklungen z.B. Transformatoren, Magnetspulen) (Not-Aus Geräte, 2-Handsteuerungen, Verriegelungsschalter, Sicherheits-Lichtschranken, Sicherheitsventile, Programmierbare Steuerungen-SPS, hydraulische Steuerungen, pneumatische Steuerungen

Safety relevant components: (switch, temperature regulator, heating element, plug, socket, wiring, capacitor, motors and other components with windings e.g. transformers, coils)

(emergency off devices, 2-hand-control-devices, interlock switches, safety light barriers, safety valves, programmable electronic controllers -PLC, hydraulic controllers, pneumatic controllers

Bauteil / Kind of component	Hersteller / Manufacturer	Angaben über Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse / Information about type, current, power, transformer specification number, insulating class		Prüfzeichen von Test mark from (VDE, BSI, UL etc.)	
Thermostat (Model SNV-3082N, SNV-3082N)	INCHANG ELECTRONICS CO LTD	KS-2N	125 V/250 V, 15 A/7.5 A, On temperature is -3 °C	UL 873 CSA C22.2 No 24	UL CSA
Case top (Model SNV-3082N, SNV-3082N)	Various	Metal	Aluminum, min.2.5 mm thick	UL/CSA 60065	Tested in equipment
Case body out (Model SNV-3082N, SNV-3082N)	Various	Metal	Aluminum, min.3.0 mm thick	UL/CSA 60065	Tested in equipment
Case top (Model SNV-3082FN, SNV-3082FP)	Cheil Industries Inc Chemicals DIV	NH-1017(+)	V-0, 85 °C	UL 94	UL (E115797)
Case body in (Model SNV-3082FN, SNV-3082FP)	Samyang Corporation	3500G-30	V-0, 130 °C	UL 94	UL (E121254)
Case top and bottom (Model SND-3082N, SND-3082P)	Cheil Industries Inc Chemicals DIV	NH-1017(+)	V-0, 85 °C	UL 94	UL (E115797)
Bracket ceiling (Model SND-3082N, SND-3082P)	Cheil Industries Inc Chemicals DIV	NH-1023(+)	V-0, 85 °C	UL 94	UL (E115797)

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