

Certificate of Acceptance

PA05/07011

Manufacturer:
Direct Track Solutions Limited (DTS)

Issue : 3
Valid From : 09/12/22

DTS CCTV Column (Polecat)

Product Description

The Polecat system is a dual independent camera system that is robust and performs reliably and safely with minimal maintenance required. This is essential for the rail network, where harsh weather conditions, strong applied forces and risk of vandalism can be prevented. feature package; dual independent carriages, inbuilt safety clutches and brakes, deadlocking latch mechanism.

Issue 2 added a 360 degree swivel mount for use on Polecat CCTV surveillance column carriages to mount the NR accepted Level Crossing CCTV camera housing.

Product Image



DTS CCTV Column (Polecat)

Scope of Acceptance

Full Acceptance

Formerly supplied by Rowlescourt under 'grandfather rights'.

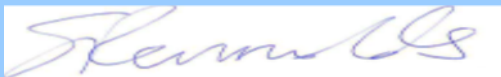
For use in conjunction with CCTV camera and camera housing

Note: The camera and housing are not part of the Polecat system and will need to be ordered separately.

Certificate issue 2 added full acceptance of the DTS swivel mount to be used in conjunction with Level Crossing CCTV camera housing.

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use and trial use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.

Reviewed by:



Steve Rennolds
Product Acceptance Specialist

Authorised by:



Jonathan Evans
Network Technical Head of Level Crossings Engineering

Certificate of Acceptance

PA05/07011

Manufacturer:
Direct Track Solutions Limited (DTS)

Issue : 3
Valid From : 09/12/22

Specific Conditions

The following Conditions are specific to the approved product/s contained within this Certificate. These conditions must be adhered to in addition to the Network Rail General Conditions contained within the "General Terms and Conditions" section. Failure to adhere to these conditions may result in the withdrawal or suspension of Acceptance of some, or all of the items contained within the accepted configuration.

Manufacturer

- 1) No deviation from the accepted product is allowed without prior notification to Network Rail
- 2) Design problems that impact availability shall be immediately communicated to Network Rail and addressed by the responsible Manufacturer.
- 3) Design changes and/or updates shall be immediately communicated to Network Rail.

User

- 1) Full assemblies shall be changed on a like for like basis.
- 2) Internal assembly components shall not be replaced on site, replace the full assembly and send the replaced item back to manufacturer for refurbishment.
- 3) Existing maintenance arrangement remains unchanged.
- 4) Anti-corrosion natural rubber bearing pad DTS-CCTV-570-1001 must be used in conjunction with DTS-CCTV-570-1000 swivel mount adapter, the matt inhibits corrosion due to the use of dissimilar metals.

Product Configuration

Complete Assembly

Part No.	Description	Catalogue No.
570/101 -6M ASSY	6M COLUMN COMPLETE ASSEMBLY	089/012746
570/101 -7M ASSY	7M COLUMN COMPLETE ASSEMBLY	089/013130
570/101 -9M ASSY	9M COLUMN COMPLETE ASSEMBLY	089/012745
570/101 -10M ASSY	10M COLUMN COMPLETE ASSEMBLY	089/013131
570/101 -11M ASSY	11M COLUMN COMPLETE ASSEMBLY	089/013132

Hardware (Maintenance Spares and Line Replaceable Units)

Part No.	Description	Catalogue No.
DTS-18-570-12	CABLE 17.67M LONG - 3mm DIA STAINLESS STEEL CABLE WITH SAFETY SHACKLE	089/012762
DTS-18-570-12(20.62)	CABLE 20.62M LONG - 3mm DIA STAINLESS STEEL CABLE WITH SAFETY SHACKLE	089/013133
DTS-18-570-69	WINCH ASSEMBLY - FULL ASSEMBLY, SUPPLIED AS BOLT ON PART,	089/012773
DTS-18-570-88	CARRIAGE ASSEMBLY - FULL ASSEMBLY, SUPPLIED AS BOLT ON PART	089/012759
DTS-18-570-93	PULLEY ASSEMBLY - FULL ASSEMBLY, SUPPLIED AS BOLT ON PART WITH FIXINGS	065/032444
DTS-18-570-106	LATCH ASSEMBLY - FULL ASSEMBLY, SUPPLIED AS BOLT ON PART WITH FIXINGS	065/022776
DTS-18-570-135	CONDUIT ASSEMBLY, COMPLETE FOR "POLECAT" COLUMN	089/012761
DTS-18-570-200-6M	6MTR COLUMN (only), DRILLED & GALVANISED	089/012758
DTS-18-570-200-7M	7MTR COLUMN (only), DRILLED & GALVANISED	089/013134
DTS-18-570-200-8M	8MTR COLUMN (only), DRILLED & GALVANISED	089/013135

Certificate of Acceptance

PA05/07011

Manufacturer:

Direct Track Solutions Limited (DTS)

Issue : 3

Valid From : 09/12/22

Part No.	Description	Catalogue No.
DTS-18-570-200-9M	9MTR COLUMN (only), DRILLED & GALVANISED	089/012771
DTS-18-570-200-11M	11MTR COLUMN (only), DRILLED & GALVANISED	089/013136
RCD570/216	CCTV SWIVEL MOUNT ADAPTER COMPLETE ASSY	089/013137
DTS-CCTV-570-1000	CCTV SWIVEL MOUNT ADAPTER (Bracket only)	089/013163
DTS-CCTV-570-1001	ANTI-CORROSION NATURAL RUBBER BEARING PAD	089/013138
DTS-CCTV-570-216	MILD STEEL CARRIAGE WEIGHT	089/013139
D69/13	CIRCLIP (Stainless steel) (13mm shaft, 11.5mm groove)- WINCH & HANDLE ASSY	089/012838
5100-37H	D1500-0070 Stainless Steel E-Clip - Carriage Assy (REPLACES CIRCLIP SALTERFIX - 3/8" DIA)	089/012878

Assessed Documentation

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
E-1584	Network Rail Supplier Evaluation Report	1	02/08/2018	1
DTS-CCTV-570-1000	Assembly detail of Polecat Camera Housing Bracket	1	17/12/2019	T2
Appendix A	2.2 - CAMERA HOUSING BRACKET ANNUAL MAINTENANCE GUIDE	A	17/12/2019	T2
Appendix B	2.3 installation manual	B	17/12/2019	T2
DTS-570-1000A	DESIGN JUSTIFICATION.pdf	A	19/12/2019	T2
Submittal 13-12-2019	DTS swivel mount adapter for polecat CCTV system	A	17/12/2019	T2
Submittal 13-12-2019	DTS swivel mount adapter for polecat CCTV system NR/L2/RSE/005 Product Design for Reliability	A	17/12/2019	T2
4.1	System safety case	1	12/12/2019	T2
DTS-570-1000A	Dts swivel mount adapter for polecat cctv system design justification	1	17/03/2020	2
DTS-570-1000B	DTS swivel mount adapter for polecat cctv system acceptance requirements	B	17/03/2020	2
DTS-570-1000C	DTS swivel mount adapter for polecat cctv system nr/l2/rse/005 product design for reliability	C	17/03/2020	2
NR/CCS/CRR/PA05/07061	Camera housing (NWR50) & DTS Camera housing Swivel Mount] Critical Review Report PA05/07061-PA05/07011	2	20/08/20	2

Manuals and Training Materials

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
Installation instruction	Polecat installation instruction	1	02/07/2018	1

Certificate of Acceptance

PA05/07011

Manufacturer:

Direct Track Solutions Limited (DTS)

Issue : 3

Valid From : 09/12/22

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
DTS191910	Master Annual Check List	1	17/12/2019	T2
DTS191907	Master Commissioning Check List	2	17/12/2019	T2
DTS191911	Polecat Installation Manual	1	17/12/2019	T2
DTS191921	570 Statutory Annual Examination	1	17/12/2019	T2
DTS191922	Polecat Operation Manual	1	17/12/2019	T2
2.3	Bracket installation manual	3	17/03/2010	2

Certificate History

Issue	Date	Issue History
1	20/08/2018	PA certificate issued after transfer of manufacturing from Rowlescourt to DTS. Originally accepted under grandfather rights.
T2	19/12/2019	Cert Updated to include CCTV Swivel Mount Adapter for use with Polecat and NR approved camera housing
2	30/09/2020	Full acceptance for CCTV Swivel Mount Adapter for use with Polecat and NR approved camera housings
3	09/12/2022	Certificate amended to include PADS numbers for x2 circlips

Contact Details

Manufacturer

Andy Paulson
Direct Track Solutions Limited
Andrew@directtracksolutions.co.uk

Applicant

Paul Sleightholm
Network Rail
Paul.Sleightholm@networkrail.co.uk

Lead Reviewing Engineer

Phillip Drew
Network Rail
Phillip.drew@networkrail.co.uk

Manufacturer:
Direct Track Solutions Limited (DTS)

Issue : 3
Valid From : 09/12/22

General Terms & Conditions

1) General

- 1) This certificate can only be amended by Network Rail Product Acceptance, the Professional Head or nominated delegate. Any alterations made by a other persons will invalidate the entire certificate.
- 2) Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.
- 3) Upon the review date this certificate and the product it relates to is invalid and not accepted for use. Manufacturers are to make an application for a review prior to the review date.

2) Manufacturer

The Manufacturer shall:

- 1) Ensure that all products supplied comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for the relevant certificate number.
- 2) Notify Network Rail Product Acceptance:
 - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
 - b. Of any intended change to the accepted product; changes include:
 - i. a change to the product configuration (to the actual product or its application);
 - ii. a variation to or addition of manufacturing locations or processes;
 - iii. a change in the name or ownership of the manufacturing company;
 - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 3) The Manufacturer shall provide Network Rail Product Acceptance or National Supply Chain (NSC) at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to Network Rail Product Acceptance.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.
- 6) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.
- 7) Network Rail may request information from the manufacturer to prove product compliance with clauses 1 and 2 above and reserve the right to suspend and/or withdraw any application where information is not forthcoming within a reasonable timeframe.
- 8) In accordance with Network Rail's Quality Assurance Policy Statement 2011, where the specification and/or Product Acceptance Certificates specify quality assurance classifications (QA1 to QA5) for the products, the manufacturer shall comply with the specified level of quality assurance for each product and allow Network Rail access to carry out its quality assurance checks.
- 9) The manufacturer shall give Network Rail's representatives access at all reasonable times to its premises and allow them to inspect its quality systems and production methods and, if requested, to inspect, examine and test the products both during and after their manufacture and the materials being used in their manufacture.

3) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Product Acceptance.
- 2) Check that the application of use complies with the relevant certificate's scope of acceptance.
- 3) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Product Acceptance.
- 4) Inform Network Rail Product Acceptance in writing of a change to the product configuration (or to the actual product or its application).
- 5) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.
- 6) Be appropriately trained and authorised for the installation, maintenance and use of the product.
- 7) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.
- 8) Users are to be aware that Product Acceptance is not a substitute for design approval.

Manufacturer:

Direct Track Solutions Limited (DTS)

Issue : 3**Valid From :** 09/12/22**4) Compliance**

Railways and Other Guided Systems (ROGS) Regulations

- 1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations
- 2) As required in Railway Group Standard GE/RT8270, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:

- a. All rail vehicle types that have access rights over the area affected by the change
- b. Infrastructure managed by others
- c. Neighbours.

Railway Interoperability Regulations

- 3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.
- 4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail Regulation) is required before the equipment is to be used in revenue earning service.

5) Supply Chain Arrangements

- 1) Certificates of acceptance do not imply any particular quantity of supply nor any exclusivity of supply.
- 2) Products may be purchased by Network Rail or its agents, suppliers or contractors.
- 3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.